

[Print this Property Card](#)[Return to Search Results](#)

Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 17 4C PEMBELTON INVESTMENTS LC  
 Acct #: 000011709-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Legal Description 001 of 01  
 FR 6-6  
 JACKUAL  
 166.490 AC

Occupancy: Year Built:  
 Dwl Type: MH/Type: / Year Rmld:  
 Use/Class: /AGR.- 100 AC OR MORE Year Eff:  
 Year Assd: Condition:  
 Zoning: On Site Date: (BTP) 11/01/2011  
 Dist: 03 LEIGH Review Date: (BTP) 11/01/2011

Deed Bk/Pg: 2011/ 463  
 Acreage: 166.490  
 Land Use:  
 Total Mineral:  
 Total Land: 86600  
 Total Imp:  
 Total Value: 86600

----- Improvement Description -----  
 Exterior Interior Site  
 STREET-PAVED

----- Land Valuation -----  

M Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A	20 WOODLAND	Y	166.490		520.00		86574
Total Land Value			166.490				86600

-----  
 Total Property Value 86600

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		86600	86600	%
Improvements				
Total		86600	86600	%
Average Price Per Acre			520	

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 4A PEMBELTON INVESTMENTS LC  
 Acct #: 000011707-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Occupancy: Year Built:  
 Dwl Type: MH/Type: / Year Rmld:  
 Use/Class: /AGR.- 100 AC OR MORE Year Efflt:  
 Year Assd: Condition:  
 Zoning: On Site Date: (BTP) 11/01/2011  
 Dist: 03 LEIGH Review Date: (BTP) 11/01/2011

Legal Description 001 of 01  
 FR 6-6  
 JACKUAL  
 195.720 AC

Deed Bk/Pg: 2011/ 463  
 Acreage: 195.720  
 Land Use:  
 Total Mineral:  
 Total Land: 93800  
 Total Imp:  
 Total Value: 93800

Exterior		Improvement Description		Interior		Site	
						STREET-PAVED	
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A 42	WASTELAND-	A	25.000		200.00		5000
A 20	WOODLAND	Y	170.720		520.00		88774
Total Land Value			195.720				93800
Total Property Value							93800

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		93800	93800	%
Improvements				
Total		93800	93800	%
Average Price Per Acre			479	

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 4B  
 Acct #: 000011708-001  
 Address: PEMBELTON INVESTMENTS LC  
 VIRGINIA OUTDOORS FOUNDATION  
 City/St: 402 DAVIS MILL RD  
 BLACKSTONE VA 23824

Legal Description 001 of 01  
 FR 6-6  
 JACKSON  
 81.770 AC

Occupancy:  
 Dwl Type: MH/Type: /  
 Use/Class: /AGR.- 100 AC OR MORE  
 Year Assd:  
 Zoning:  
 Dist: 03 LEIGH

Year Built:  
 Year Rmld:  
 Year Efft:  
 Condition:  
 On Site Date: (BTP) 11/01/2011  
 Review Date: (BTP) 11/01/2011

Deed Bk/Pg: 2011/ 463  
 Acreage: 81.700  
 Land Use:  
 Total Mineral:  
 Total Land: 42500  
 Total Imp:  
 Total Value: 42500

Exterior		Improvement Description		Interior		Site	
						STREET-PAVED	
M Cts	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A 20	WOODLAND	Y	81.700		520.00		42484
Total Land Value			81.700				42500
Total Property Value							42500

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		42500	98000	( 57%)
Improvements				
Total		42500	98000	( 57%)
Average Price Per Acre			520	

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 2A PEMBLTON INVESTMENTS LC  
 Acct #: 000011705-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Occupancy: Year Built:  
 Dwl Type: Year Rmld:  
 Use/Class: /AGRICULTURAL- 20-100 AC Year Effrt:  
 Year Assd: Condition:  
 Zoning: On Site Date: (BTP) 11/01/2011  
 Dist: 03 LEIGH Review Date: (BTP) 11/01/2011

Legal Description 001 of 01  
 FR 6-6  
 JACKUAL  
 41.720 AC

Deed Bk/Pg: 2011/ 463  
 Acreage: 41.720  
 Land Use:  
 Total Mineral:  
 Total Land: 21700  
 Total Imp:  
 Total Value: 21700

Exterior		Improvement Description		Interior		Site	
		STREET-PAVED					
Land Valuation							
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A	21 WOODLAND	D	41.720		520.00		21694
Total Land Value			41.720				21700
Total Property Value							21700

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		21700	21700	%
Improvements				
Total		21700	21700	%
Average Price Per Acre			520	

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 4 PEMBELTON INVESTMENTS LC  
 Acct #: 000011706-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Occupancy: Year Built:  
 Dwl Type: Year Rmld:  
 Use/Class: /AGR.- 100 AC OR MORE Year Efft:  
 Year Assd: Condition:  
 Zoning: On Site Date: (BTP) 11/01/2011  
 Dist: 03 LEIGH Review Date: (BTP) 11/01/2011

Legal Description 001 of 01  
 FR 6-6  
 JACKUAL  
 112.040

Deed Bk/Pg: 2011/ 463  
 Acreage: 112.040  
 Land Use:  
 Total Mineral:  
 Total Land: 58300  
 Total Imp:  
 Total Value: 58300

Exterior		Interior		Site	
STREET-PAVED					
Land Valuation					
M Cls	Desc	G	Size	Dpth	Rate
R 20	WOODLAND	Y	112.040		520.00
Total Land Value					58300
Total Property Value					58300

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		58300	58300	%
Improvements				
Total		58300	58300	%
Average Price Per Acre			520	

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East 1

[Return to Search Results](#)

Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 17 1 PEMBELTON INVESTMENTS LC  
 Acct #: 000006517-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Occupancy: VACANT  
 Dwl Type: MH/Type: /  
 Use/Class: /AGR.- 100 AC OR MORE  
 Year Assd: 2012  
 Zoning:  
 Dist: 03 LEIGH

Year Built:  
 Year Rmld:  
 Year Effct: 1999  
 Condition:  
 On Site Date: (AP) 9/13/2011  
 Review Date: (BTP) 10/11/2011

Legal Description 001 of 01  
 PARCEL A  
 ROBINSON  
 179.215 AC

Deed Bk/Pg: 280/6666  
 Acreage: 179.215  
 Land Use:  
 Total Mineral:  
 Total Land: 87100  
 Total Imp:  
 Total Value: 87100

M	Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A	20	WOODLAND	0	154.500		500.00		77250
A	42	WASTELAND-	A	8.335		200.00		1667
A	11	OPEN LAND	T	16.380		500.00		8190
Total Land Value				179.215				87100

Comments  
 ACCESS RT 621 AND FOSTERS LANE/CHECK TIMBER  
 TIMBER CUT AS OF 3/11/2011

Total Property Value 87100

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		87100	134400	( 35%)
Improvements				
Total		87100	134400	( 35%)
Average Price Per Acre			486	
Sale Date/Amount		10/25/2011		

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East 2

[Return to Search Results](#)

## Property Identification Run Dt: 7/27/2017

Map #: 17 1G  
 Acct #: 000000231-001  
 Address:  
 City/St:

Owner Name/Address  
 PEMBELTON INVESTMENTS LC  
 VIRGINIA OUTDOORS FOUNDATION  
 402 DAVIS MILL RD  
 BLACKSTONE VA 23824

Legal Description 001 of 01  
 PARCEL B  
~~ROBINSON~~  
 179.215 AC

Occupancy: VACANT

Dwl Type:

MH/Type: /

Use/Class: /AGR.- 100 AC OR MORE

Year Assd: 2012

Zoning:

Dist: 03 LEIGH

Year Built:

Year Rmld:

Year Effit:

1999

Condition:

On Site Date: (AP ) 5/16/2011

Review Date: ( )

Deed Bk/Pg: 279/9299

Acreage: 179.215

Land Use:

Total Mineral:

Total Land: 87100

Total Imp:

Total Value: 87100

Land Valuation						
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct Value
A 20	WOODLAND	O	154.500		500.00	77250
A 11	OPEN LAND	T	16.380		500.00	8190
A 42	WASTELAND-	A	8.335		200.00	1667
Total Land Value			179.215			87100

Total Property Value

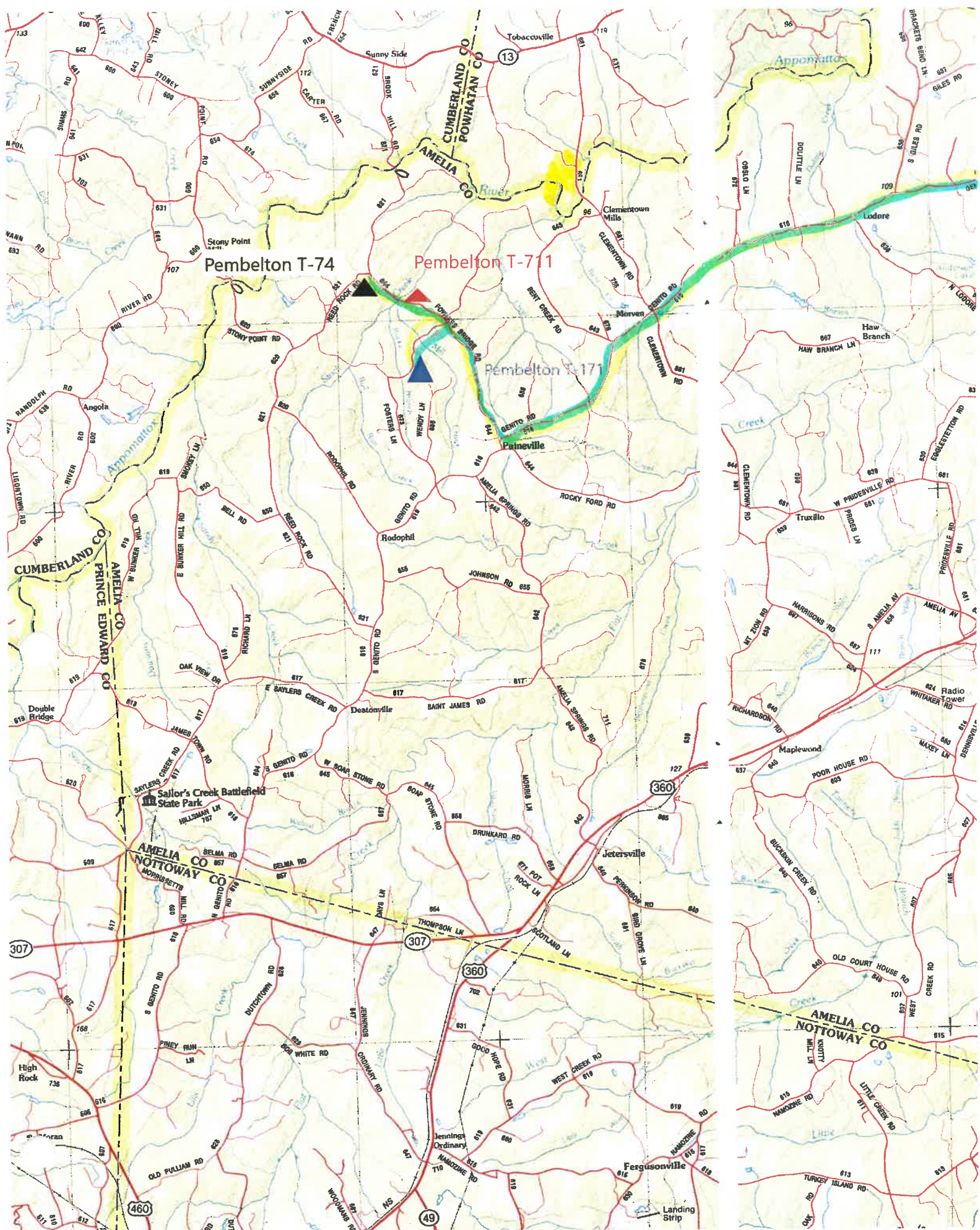
87100

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		87100	134400	( 35%)
Improvements				
Total		87100	134400	( 35%)
Average Price Per Acre		486		
Sale Date/Amount		10/25/2011		

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## Disclaimer

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21

Road Map

74

7/6/20



March 21, 2018

1:18,056

0 0.15 0.3 0.45 0.6 mi  
0 0.225 0.45 0.9 km

Tax Map

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

*Rev*  
*F+P Enterprises, Inc.*

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 8/24/18 between ~~Pemberton Forest Products~~ referred to here as "Landowner", and Nutri-Blend Inc., referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Amelia, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
17-1C - F+P Enterprises - Stock <i>Rev</i>			
26-49H - Lena - Timber <i>Burton Rev</i>			
7-4A			
17-1G			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.  
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

*F+P Enterprises*

~~Pemberton Forest Products~~

Landowner - Printed Name, Title

Signature

Mailing Address

*PO Box 559, Amelia VA 23002*

**Permittee:**

Nutri-Blend Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Nutri-Blend Inc.

Permittee - Authorized Representative  
Printed Name

Signature

Nutri-Blend, Inc.  
P. O. Box 38060  
Henrico, VA 23231

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Nutri-Blend Inc. County or City: Richmond, VA

Landowner: Pembelton Forest Products *RHP*  
F + P Enterprises

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

  
Landowner's Signature

8/24/18

Date

**Ronnie Pembelton**

Operator's Name

**804-314-6444**

Contact Number

2 of 2

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT**

## Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A *Land Application Agreement - Biosolids and Industrial Residuals* form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: F & P Enterprises Inc

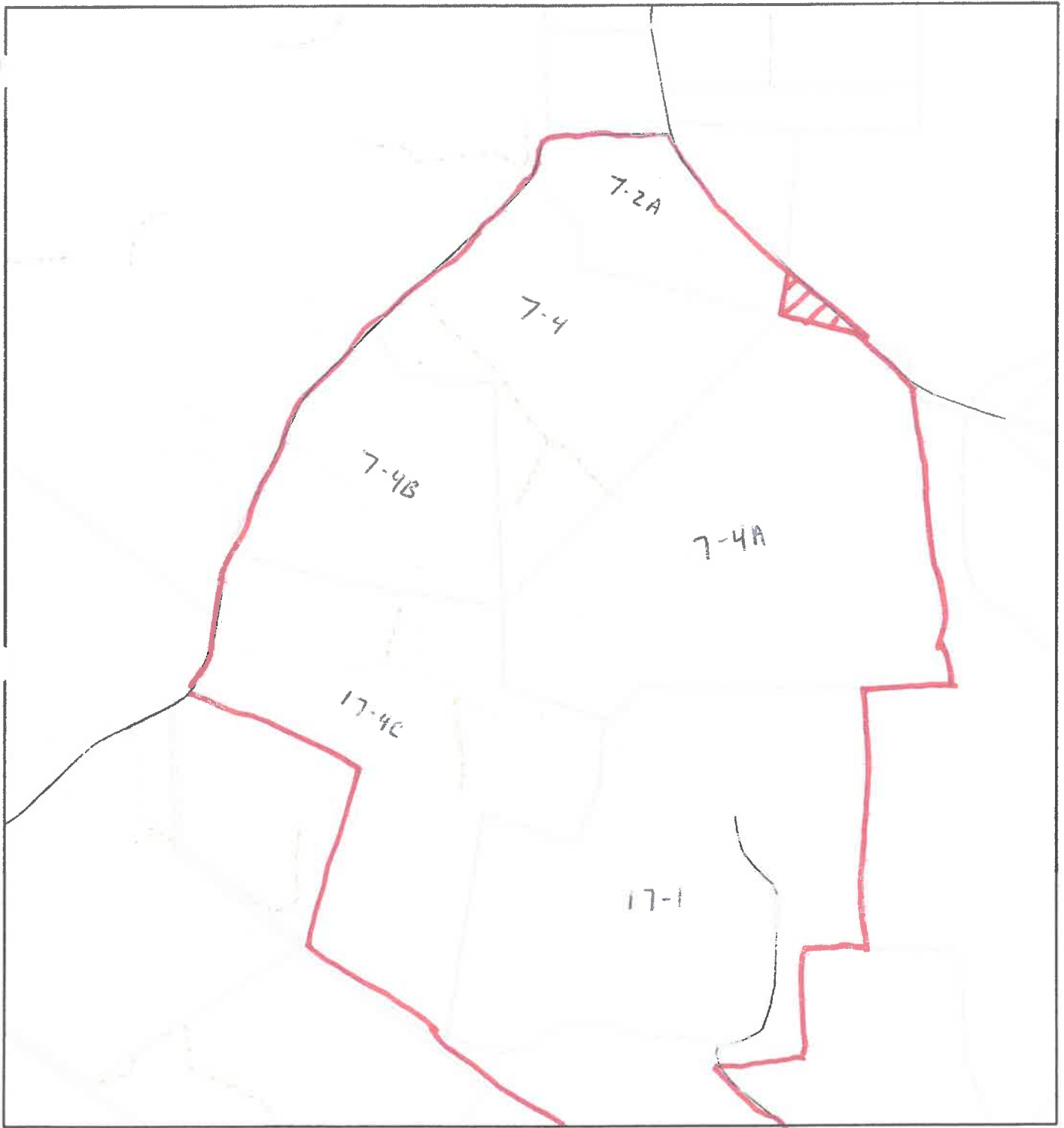
County or City: Amelia

Please Print

(Signatures not required on this page)

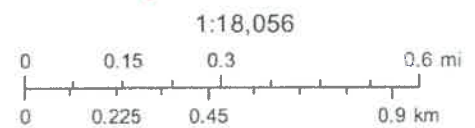
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Rec'd 8-27-20



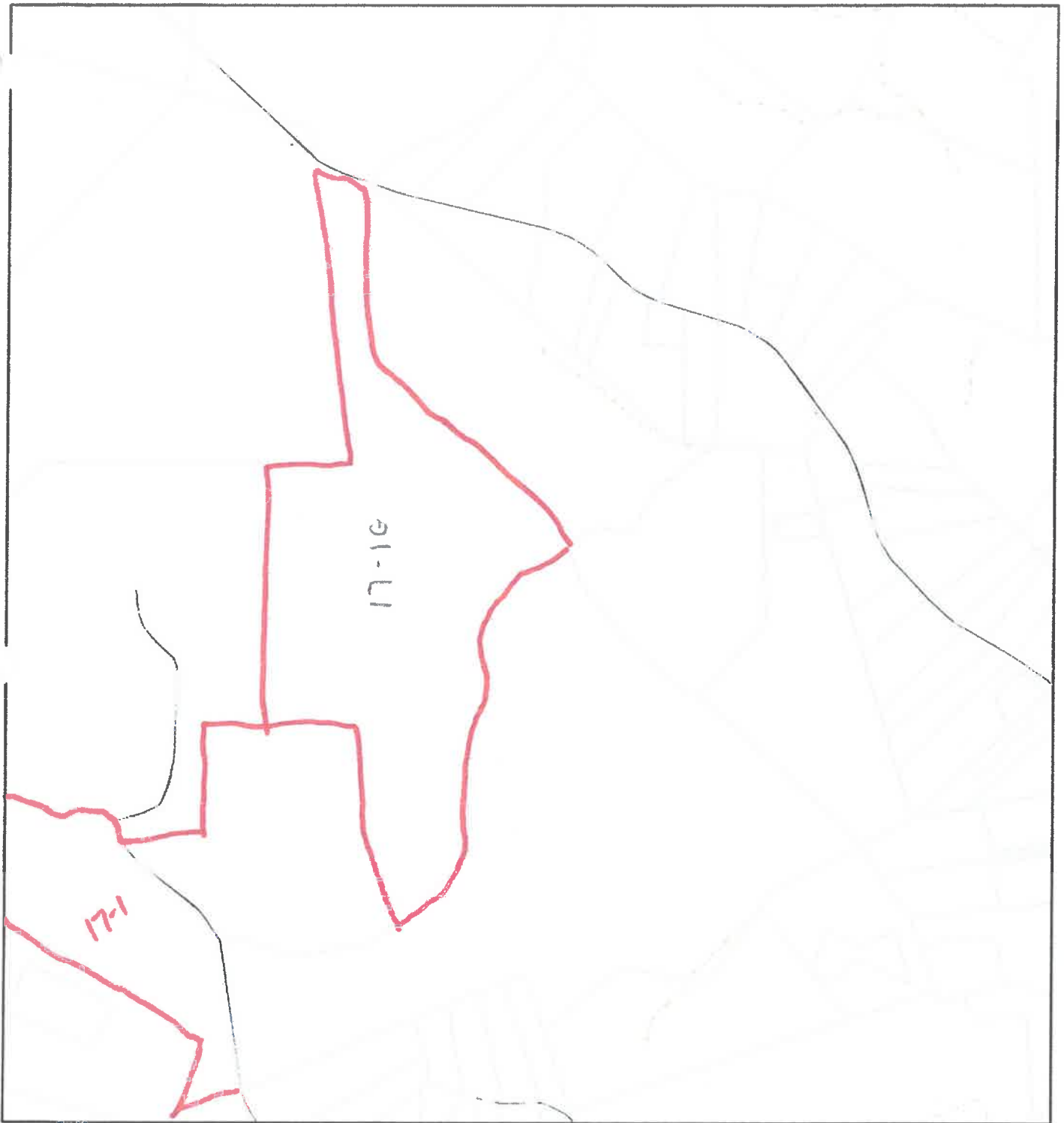
March 21, 2018

Tax Map



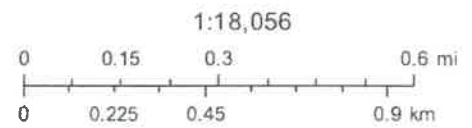
Map data © OpenStreetMap contributors, CC-BY-SA

Rec'd 8-27-20



March 21, 2018

Tax Map



Map data © OpenStreetMap contributors, CC-BY-SA



13801 REED ROCK RD AMELIA, VA 23002

#### Parcel Information

<b>Parcel ID:</b> 17 4C	<b>Account:</b> 11709
<b>Tax Map:</b> 17	<b>Double Circle:</b> N/A
<b>Block:</b> N/A	<b>Lot:</b> 4C
<b>Property Address:</b> 13801 REED ROCK RD AMELIA, VA 23002	<b>Description 1:</b> FR 6-6
<b>Deed Book:</b> 2011	<b>Description 2:</b> JACKUAL
<b>Deed Page:</b> 463	<b>Description 3:</b> 166.490 AC
	<b>Description 4:</b> N/A

#### Valuation

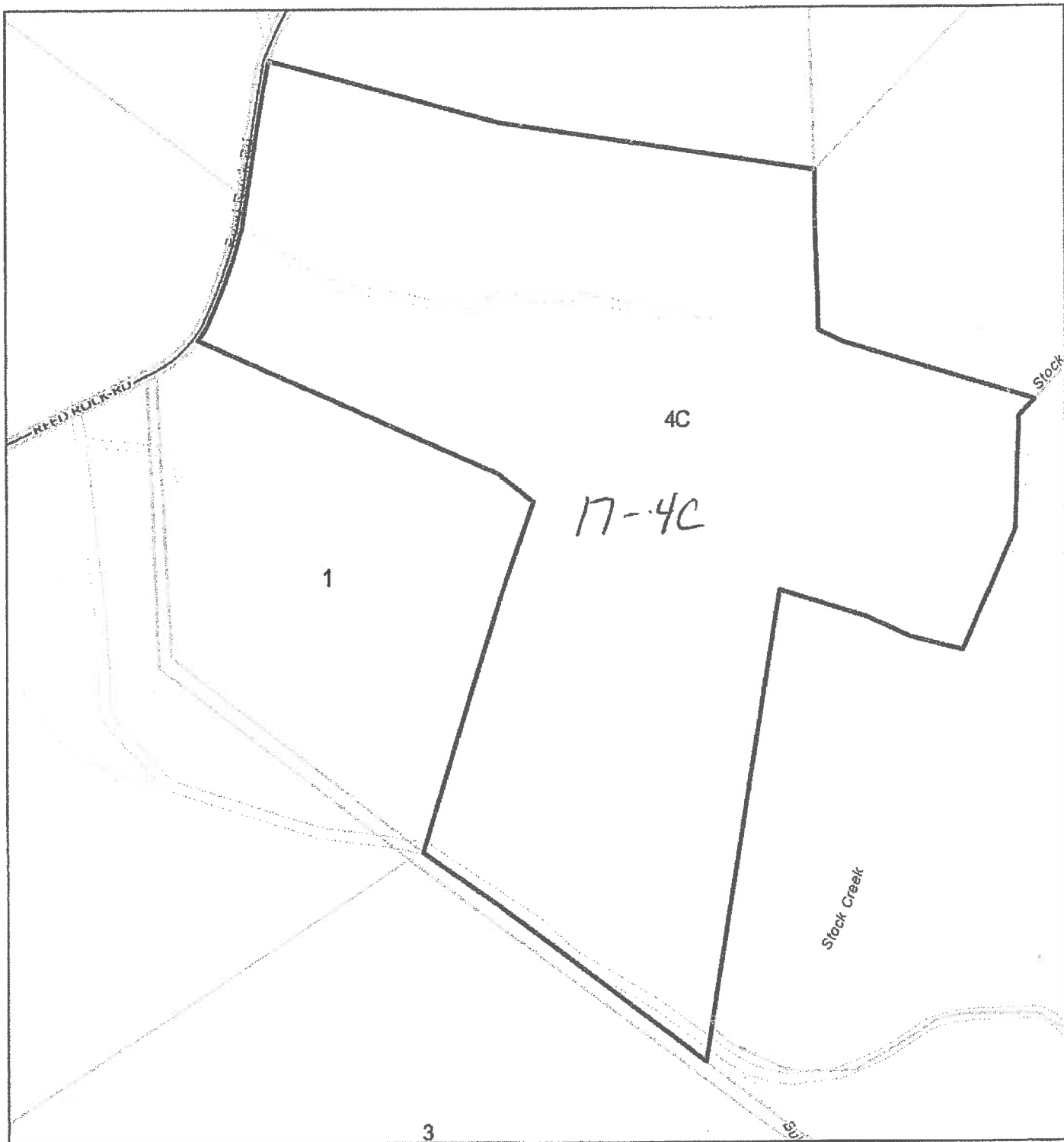
**Total:** \$86,600  
**Land:** \$86,600  
**Improvements:** \$0  
**Use Value:** \$0

#### Ownership

##### Current Owner

**Name:** PEMBELTON INVESTMENTS LC  
**Owner Address:** VIRGINIA OUTDOORS FO  
**Owner City, St Zip:** BLACKSTONE VA 23824

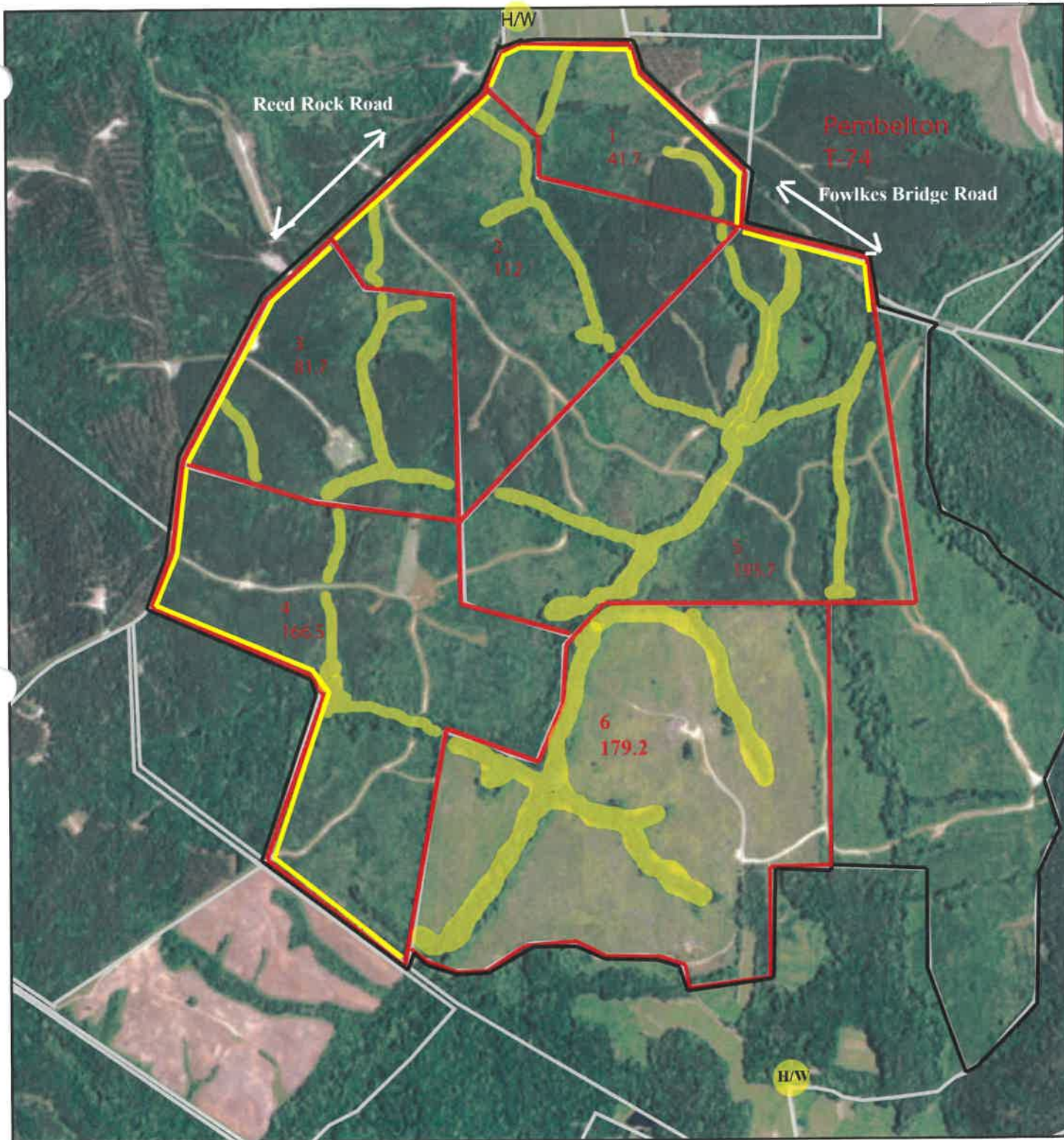
Rec'd 8-27-20



August 27, 2020

Tax Map

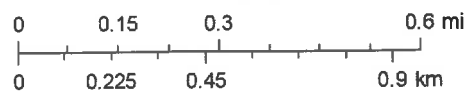
Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



December 17, 2017

### Buffer Map

1:18,056

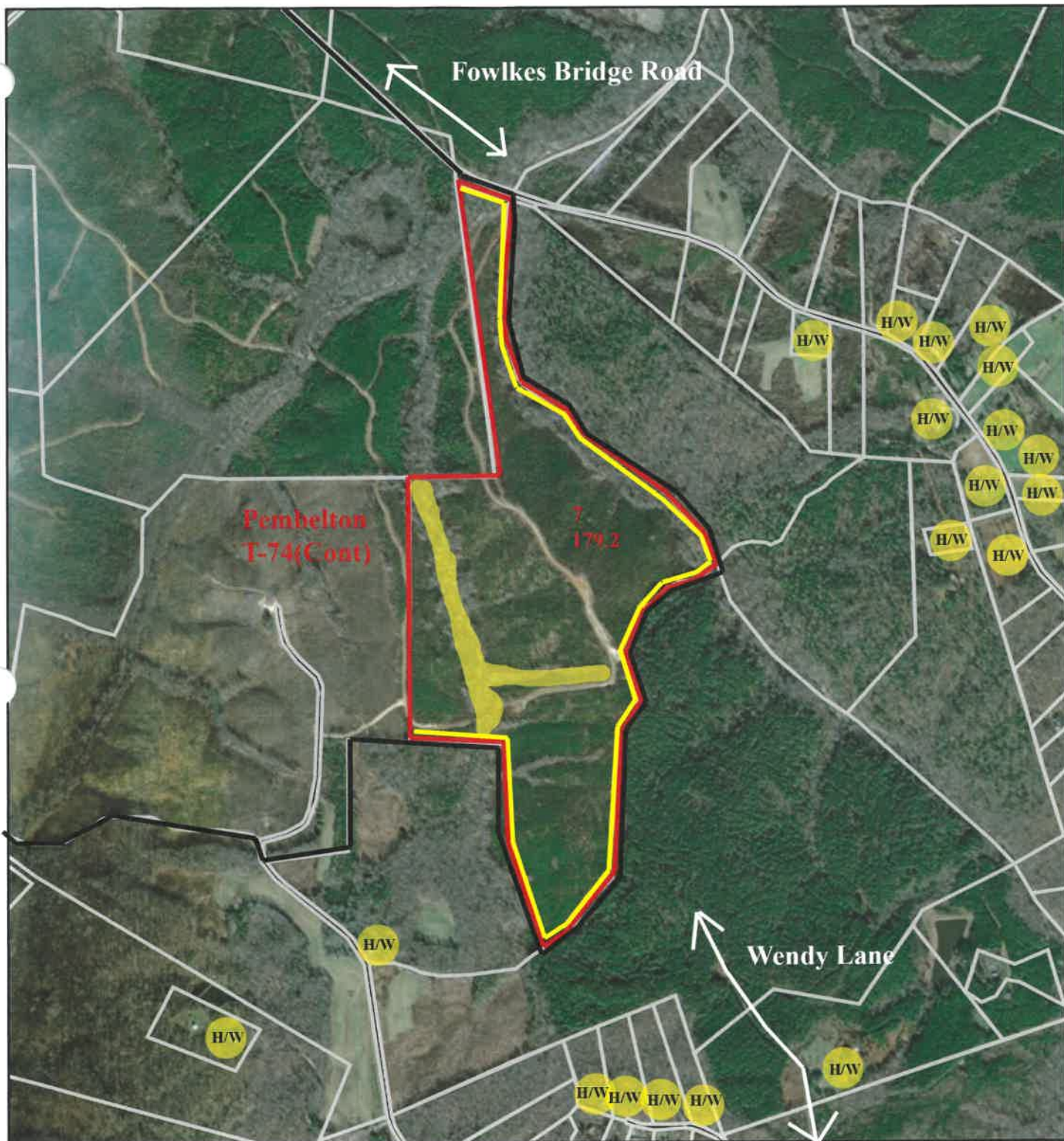


- |               |                |
|---------------|----------------|
| 1) 41.7 acres | 4) 166.5 acres |
| 2) 112 acres  | 5) 195.7 acres |
| 3) 81.7 acres | 6) 179.2 acres |

Modified 8/17/20

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community





March 21, 2018

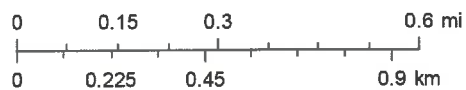


### Buffer Map

7) 179.2

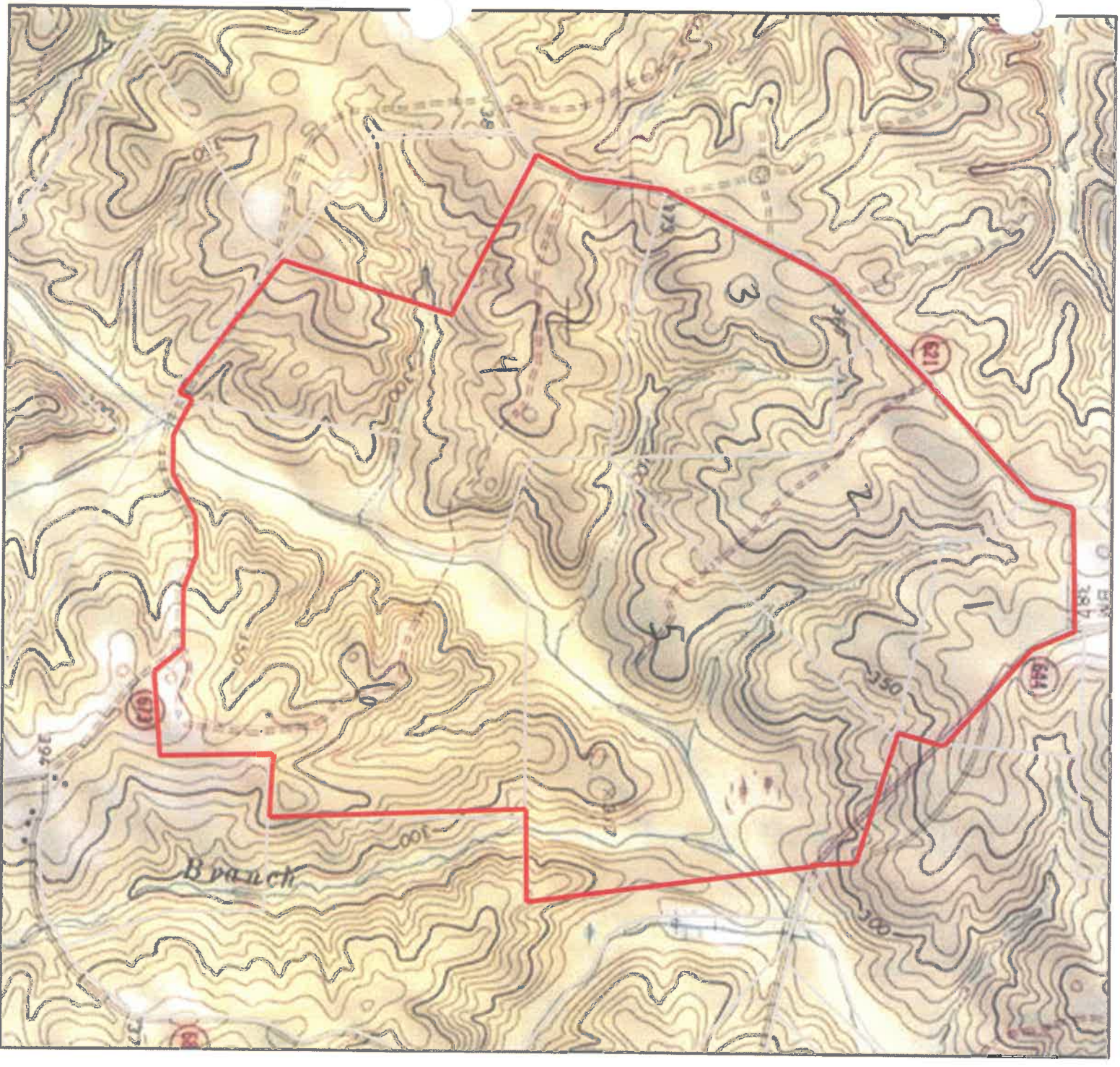
Modified 8/17/20

1:18,056



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

*Rec'd 8-20-20*



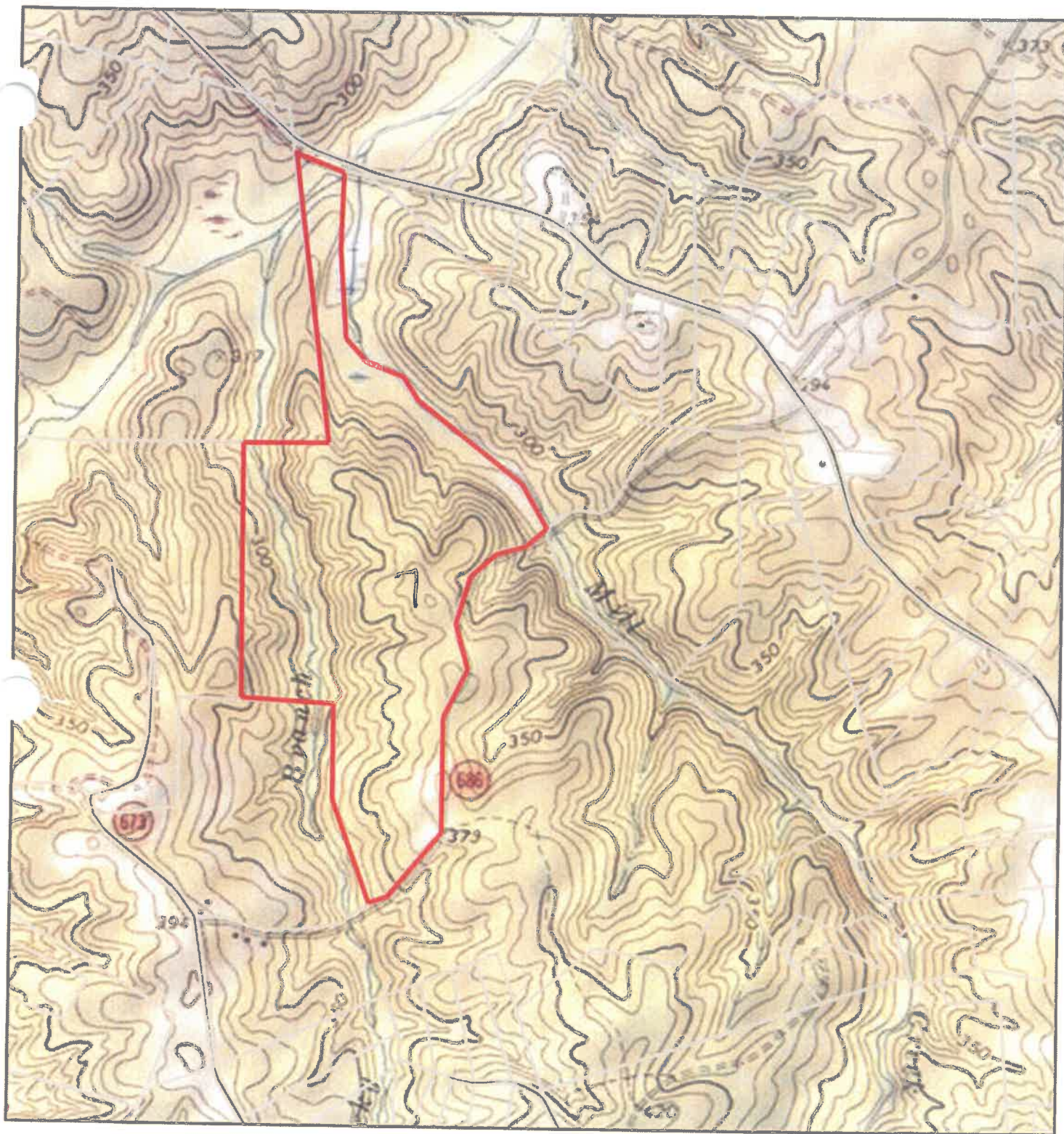
December 17, 2017

T-74

Topo Map

1:18,057



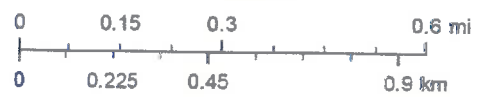


March 26, 2018

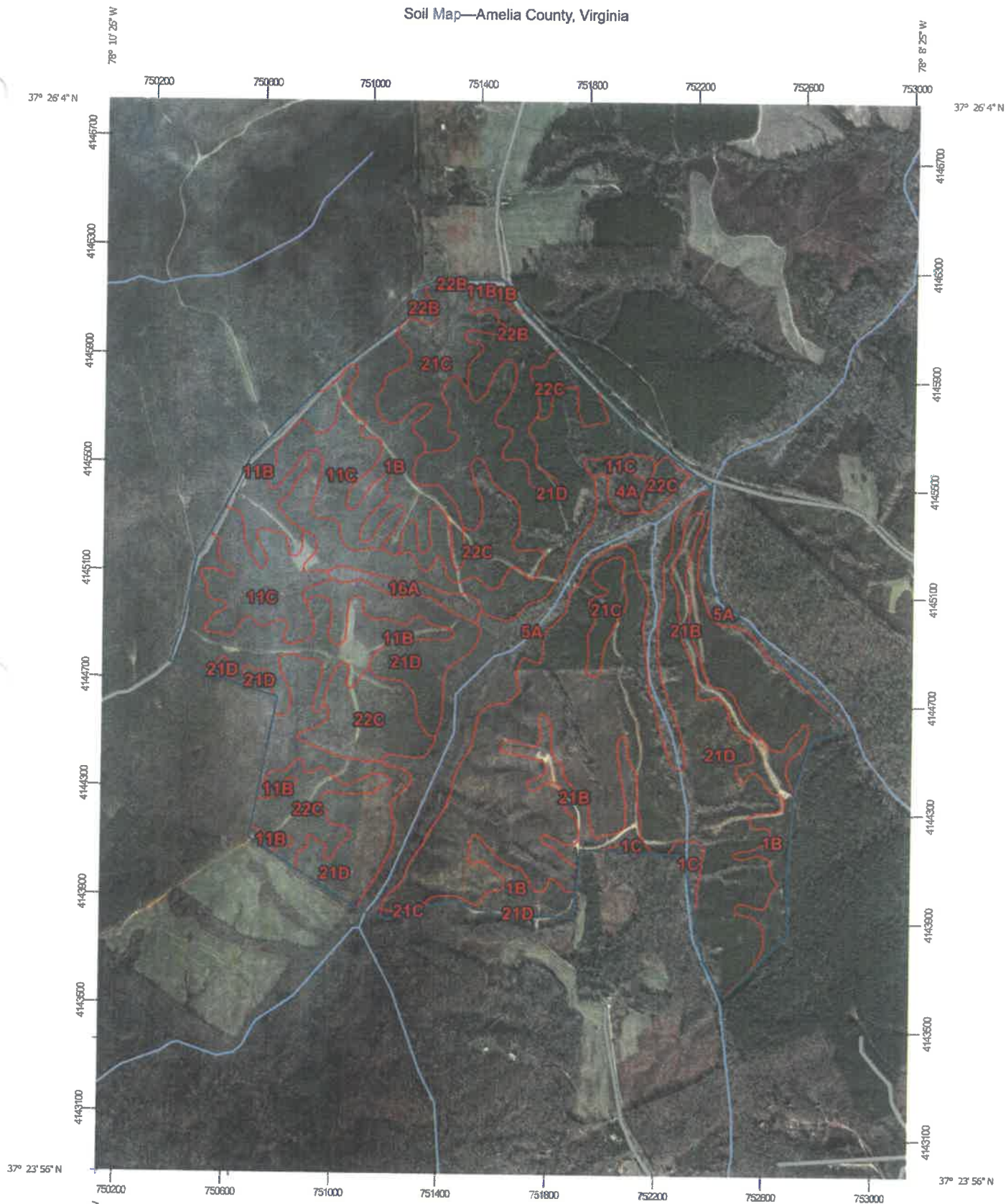
T-74

Topo Map

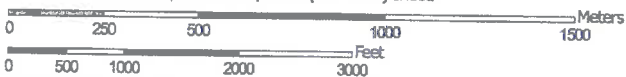
1:18,056



# Soil Map—Amelia County, Virginia



Map Scale: 1:19,300 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

Soil Map




Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

3/23/2018  
Page 1 of 3

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

### Water Features

 Streams and Canals

### Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia

Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

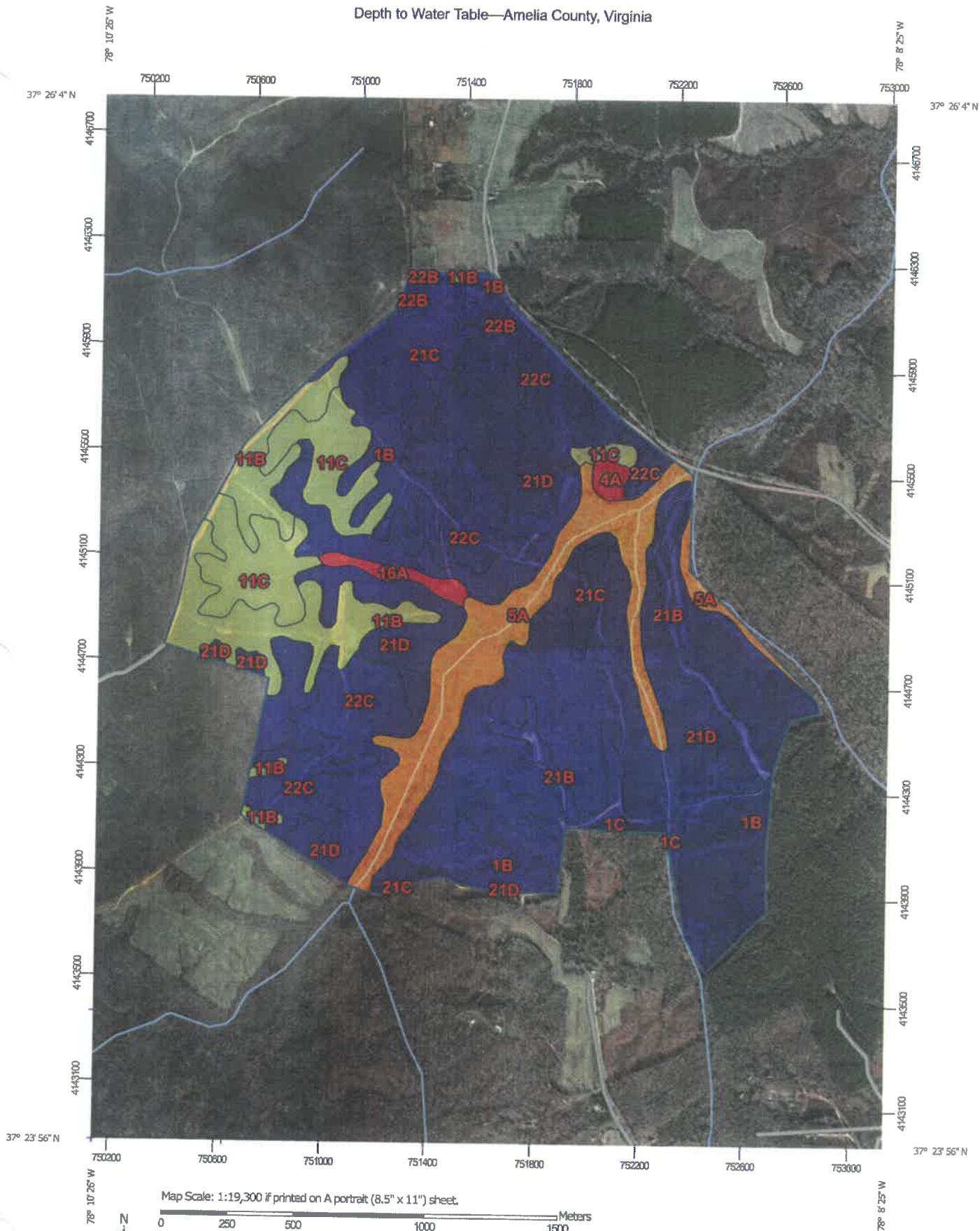
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

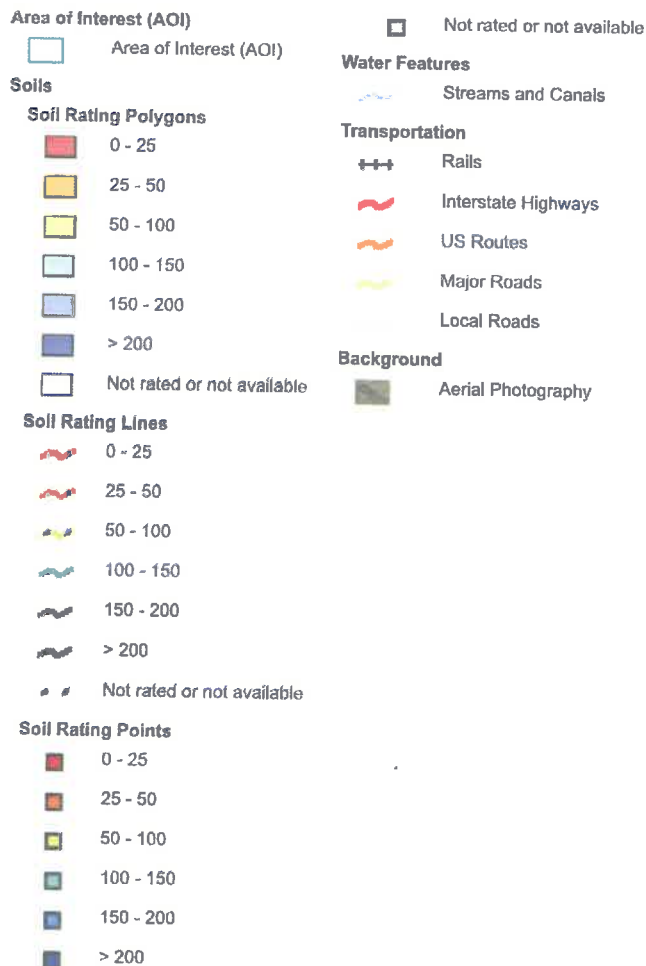
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	71.9	7.6%
1C	Appling fine sandy loam, 7 to 15 percent slopes	4.6	0.5%
4A	Chastain silty clay loam, 0 to 1 percent slopes, frequently flooded	4.4	0.5%
5A	Chewacla silt loam, 0 to 2 percent slopes, frequently flooded	91.1	9.6%
11B	Helena fine sandy loam, 2 to 7 percent slopes	71.5	7.6%
11C	Helena fine sandy loam, 7 to 15 percent slopes	64.9	6.9%
16A	Parlow fine sandy loam, 0 to 2 percent slopes, rarely flooded	7.8	0.8%
21B	Wedowee-Poindexter complex, 2 to 7 percent slopes	27.2	2.9%
21C	Wedowee-Poindexter complex, 7 to 15 percent slopes	42.3	4.5%
21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	444.3	47.0%
22B	Winnsboro sandy loam, 2 to 7 percent slopes	29.3	3.1%
22C	Winnsboro sandy loam, 7 to 15 percent slopes	86.9	9.2%
Totals for Area of Interest		945.9	100.0%



# Depth to Water Table—Amelia County, Virginia



## MAP LEGEND



## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

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Soil Survey Area: Amelia County, Virginia  
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Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	>200	71.9	7.6%
1C	Appling fine sandy loam, 7 to 15 percent slopes	>200	4.6	0.5%
4A	Chastain silty clay loam, 0 to 1 percent slopes, frequently flooded	15	4.4	0.5%
5A	Chewaclay silt loam, 0 to 2 percent slopes, frequently flooded	31	91.1	9.6%
11B	Helena fine sandy loam, 2 to 7 percent slopes	61	71.5	7.6%
11C	Helena fine sandy loam, 7 to 15 percent slopes	61	64.9	6.9%
16A	Partlow fine sandy loam, 0 to 2 percent slopes, rarely flooded	15	7.8	0.8%
21B	Wedowee-Poin Dexter complex, 2 to 7 percent slopes	>200	27.2	2.9%
21C	Wedowee-Poin Dexter complex, 7 to 15 percent slopes	>200	42.3	4.5%
21D	Wedowee-Poin Dexter complex, 15 to 25 percent slopes	>200	444.3	47.0%
22B	Winnsboro sandy loam, 2 to 7 percent slopes	>200	29.3	3.1%
22C	Winnsboro sandy loam, 7 to 15 percent slopes	>200	86.9	9.2%
<b>Totals for Area of Interest</b>			<b>945.9</b>	<b>100.0%</b>

## Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.



**Pembelton  
Tract T-74  
Field Data Sheet**

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
74-1	41.7	37.4159	-78.1565	Silvicultural
74-2	112.0			Silvicultural
74-3	81.7			Silvicultural
74-4	166.5			Silvicultural
74-5	195.7			Silvicultural
74-6	179.2			Silvicultural
74-7	179.2			Silvicultural
<b>SUM</b>	<b>956.0</b>			

\*All Latitude/Longitude Points were obtained through Google Earth

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Boseman (Lester)

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 16 9 F & P ENTERPRISES INC  
 Acct #: 000006030-001 DEPARTMENT OF FORESTRY  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Occupancy: VACANT Year Built:  
 Dwl Type: MH/Type: / Year Rmld:  
 Use/Class: /AGRICULTURAL- 20-100 AC Year Eff: 2002  
 Year Assd: 2012 Condition:  
 Zoning: On Site Date: (AP ) 5/10/2011  
 Dist: 03 LEIGH Review Date: ( )

Legal Description 001 of 01

86.400 AC

Inst#: 2016 0001852  
 Acreage: 86.400  
 Land Use:  
 Total Mineral:  
 Total Land: 48600  
 Total Imp:  
 Total Value: 48600

Exterior		Improvement Description		Interior		Site	
STREET-OFF ROAD							
----- Land Valuation -----							
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A 20	WOODLAND	Y	76.400		520.00		39728
A 42	WASTELAND-	A	10.000		200.00		2000
A 94	P&HWPULPTO	A	34.400		200.00		6880
Total Land Value			86.400				48600
----- Comments -----							
OFF ROUTE 621							
Total Property Value						48600	

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		48600	100600	( 52%)
Improvements				
Total		48600	100600	( 52%)
Average Price Per Acre			483	
Sale Date/Amount		12/15/2016		

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**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 8/24/18 between F.P Land and Timber, L.C. here as "Landowner", and Nutri-Blend Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement. RCP

**Landowner:**

The Landowner is the owner of record of the real property located in Amelia, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

**Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges**

<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
16-9			
26-49H			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.  
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids

☒ Yes ☐ No

Water treatment residuals

☐ Yes ☒ No RCP

Food processing waste

☐ Yes ☒ No

Other industrial sludges

☐ Yes ☒ No RCP

~~F and P Enterprises~~ F.P Land and Timber, L.C.

Landowner - Printed Name, Title

Signature

P.O. Box 559, Amelia, Va  
23002

Mailing Address

**Permittee:**

Nutri-Blend Inc.

Nutri-Blend Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Nutri-Blend Inc.

Permittee - Authorized Representative  
Printed Name

Signature

Nutri-Blend, Inc.  
P. O. Box 38060  
Henrico, VA 23231

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Nutri-Blend Inc. County or City: Richmond, VA  
Landowner: ~~F&P Enterprises~~ F-P Land and Timber, LC xw

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Ronnie Pemberton 8/24/18  
Landowner's Signature Date

Ronnie Pemberton 804-314-6444  
Operator's Name Contact Number

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT**

## Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A *Land Application Agreement - Biosolids and Industrial Residuals* form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: F + P Land and Timber LC

County or City: Amelia

Please Print

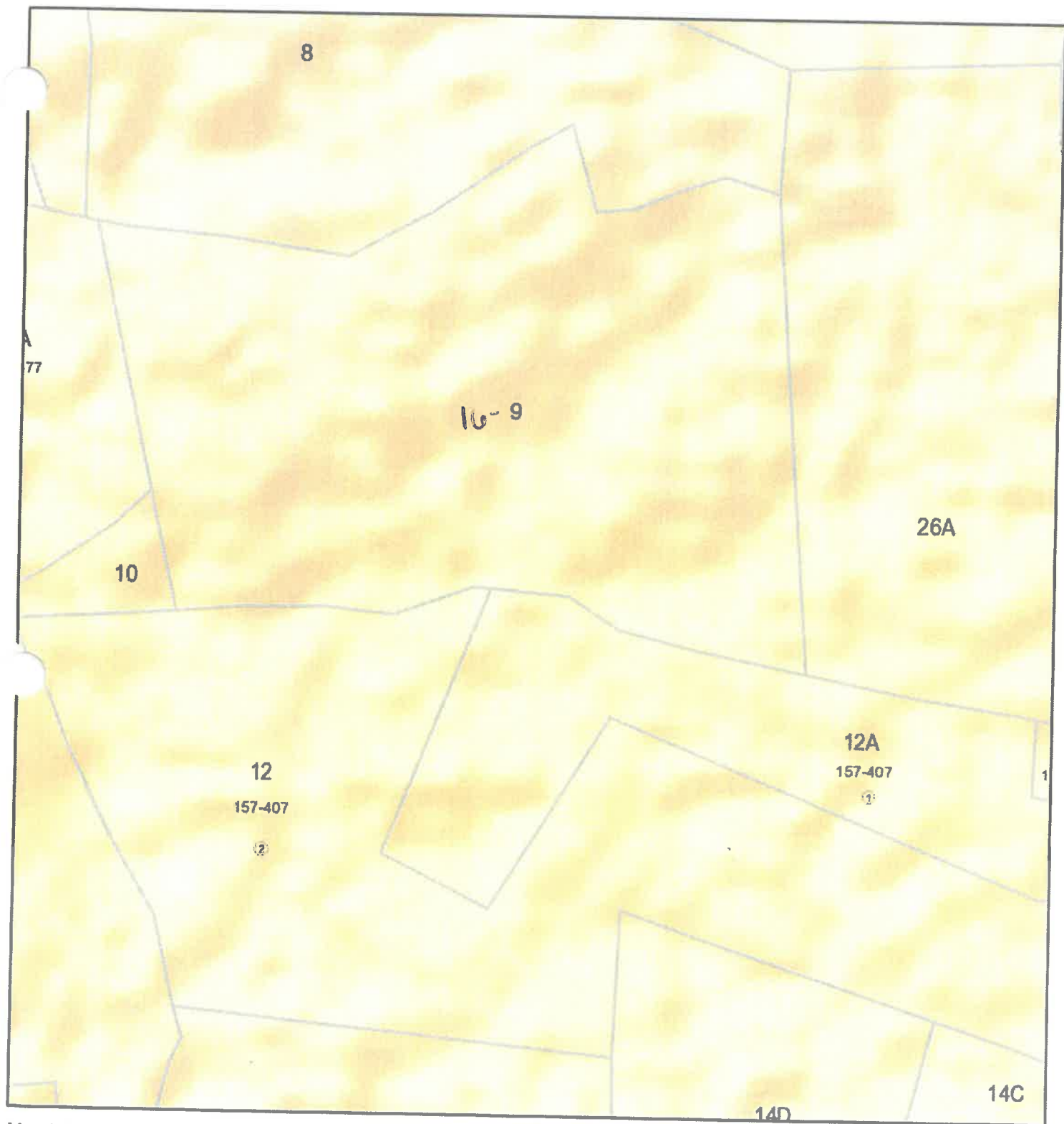
(Signatures not required on this page)

[illegible]

02-4-8

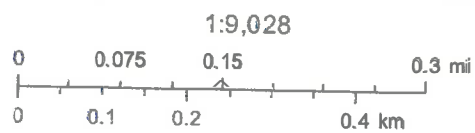


1169



March 26, 2018

Tax Map



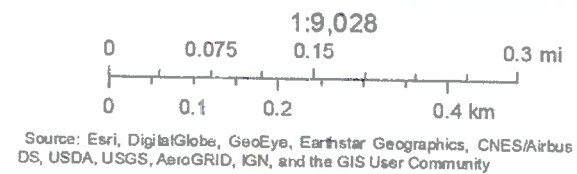
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



December 17, 2017

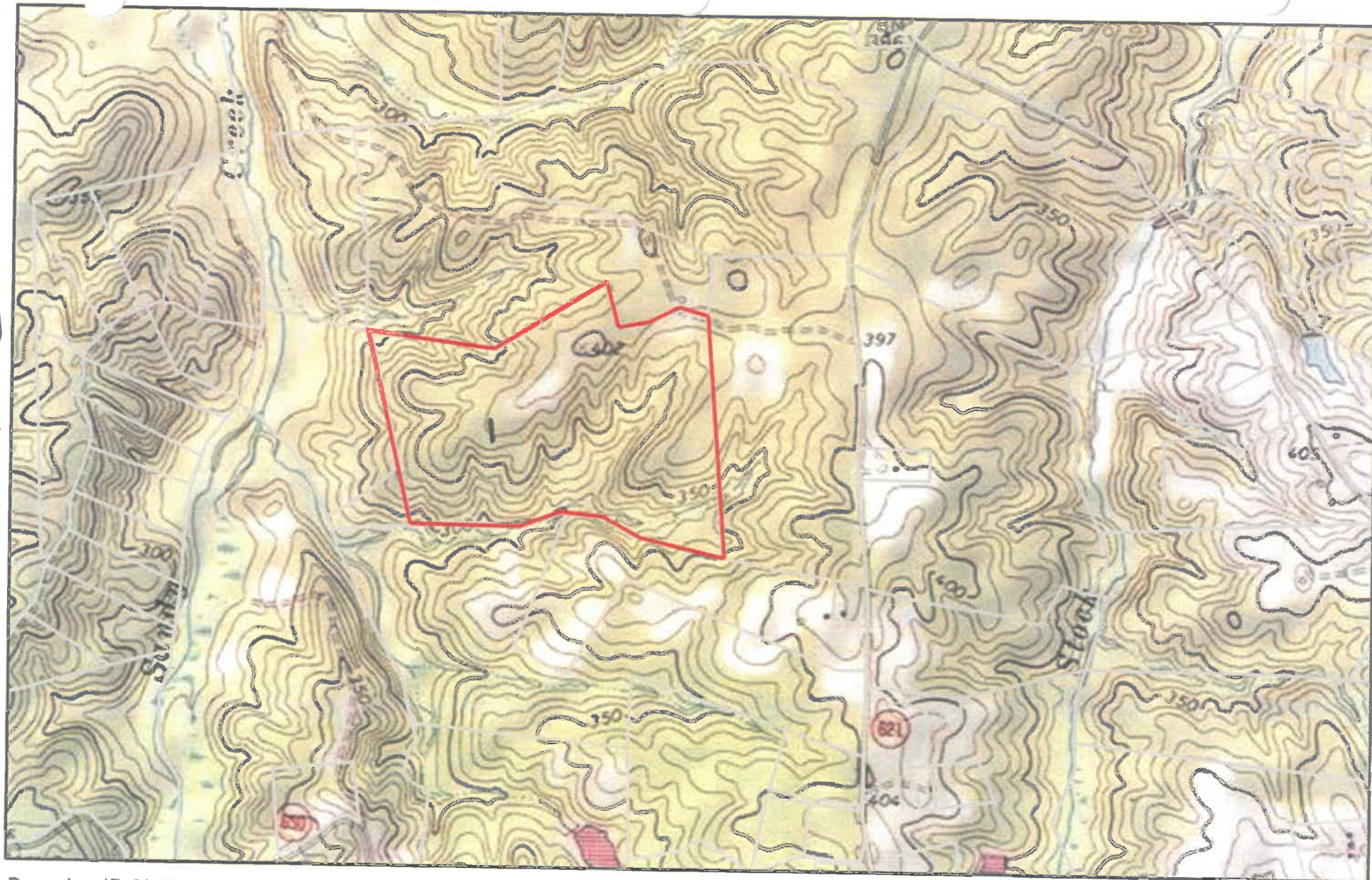
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1

Buffer Map

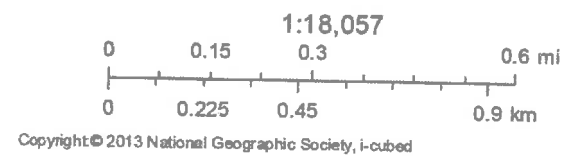


7/13/20

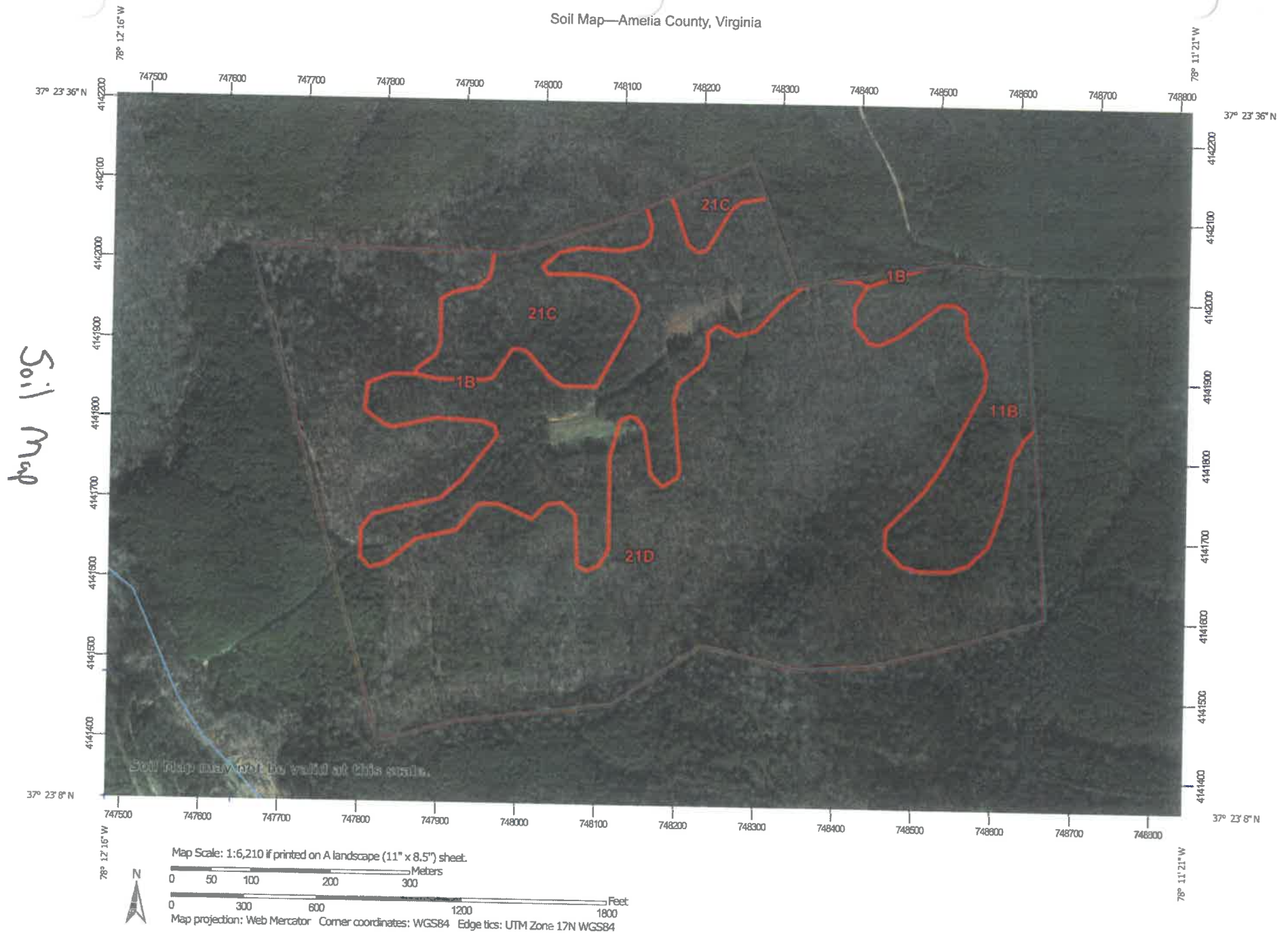
Topo Map



December 17, 2017



# Soil Map—Amelia County, Virginia




Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

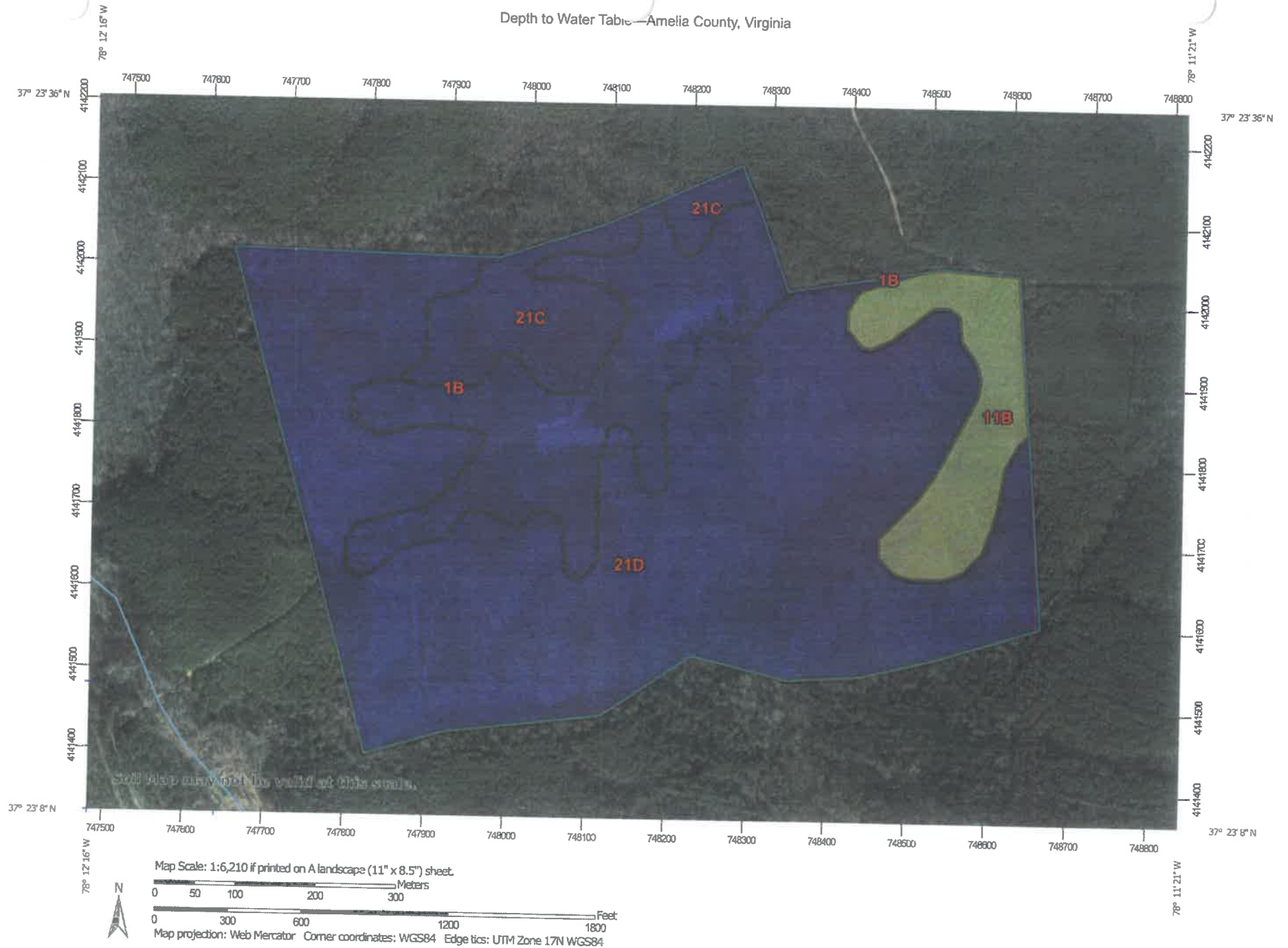
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## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	22.5	17.9%
11B	Helena fine sandy loam, 2 to 7 percent slopes	10.4	8.3%
21C	Wedowee-Poindexter complex, 7 to 15 percent slopes	10.1	8.1%
21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	82.2	65.7%
Totals for Area of Interest		125.2	100.0%

# Depth to Water Table—Amelia County, Virginia

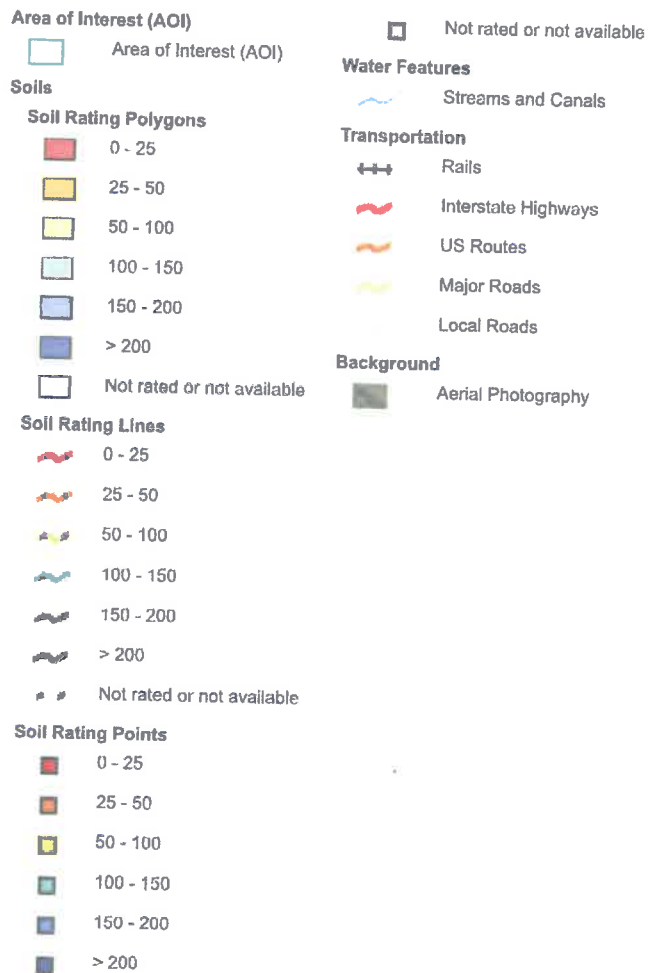


Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

3/26/2018  
Page 1 of 3

## MAP LEGEND



## MAP INFORMATION

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## Depth to Water Table

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21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	>200	82.2	65.7%
Totals for Area of Interest			125.2	100.0%

## Description

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This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

## Rating Options

*Units of Measure:* centimeters

*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

*Beginning Month:* January

*Ending Month:* December

**Pembelton  
Tract T-169  
Field Data Sheet**

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
169-1	130.0	37.3519	-78.1733	Silvicultural
<b>SUM</b>	<b>130.0</b>			

\*All Latitude/Longitude Points were obtained through Google Earth

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Just purchased

Stack Tr.

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 17 1C SCOTT TIMBERLAND CO  
 Acct #: 000001375-001 15830 GOODES BRIDGE RD  
 Address: AMELIA COURT HOUSE VA 23002  
 City/St:

Legal Description 001 of 01

189.400 AC

Occupancy: VACANT

Dwl Type:

MH/Type: /

Use/Class: /AGR.- 100 AC OR MORE

Year Assd: 2012

Zoning:

Dist: 03 LEIGH

Year Built:

Year Rmld:

Year Effct:

1999

Condition:

On Site Date: (AP ) 5/16/2011

Review Date: ( )

Deed Bk/Pg: 0113/ 394

Acreage: 189.400

Land Use:

Total Mineral:

Total Land: 170500

Total Imp:

Total Value: 170500

Land Valuation						
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct Value
A 20	WOODLAND	0	189.400		700.00	132580
A 94	P&HWPULPTO	A	189.400		200.00	37880
Total Land Value			189.400			170500

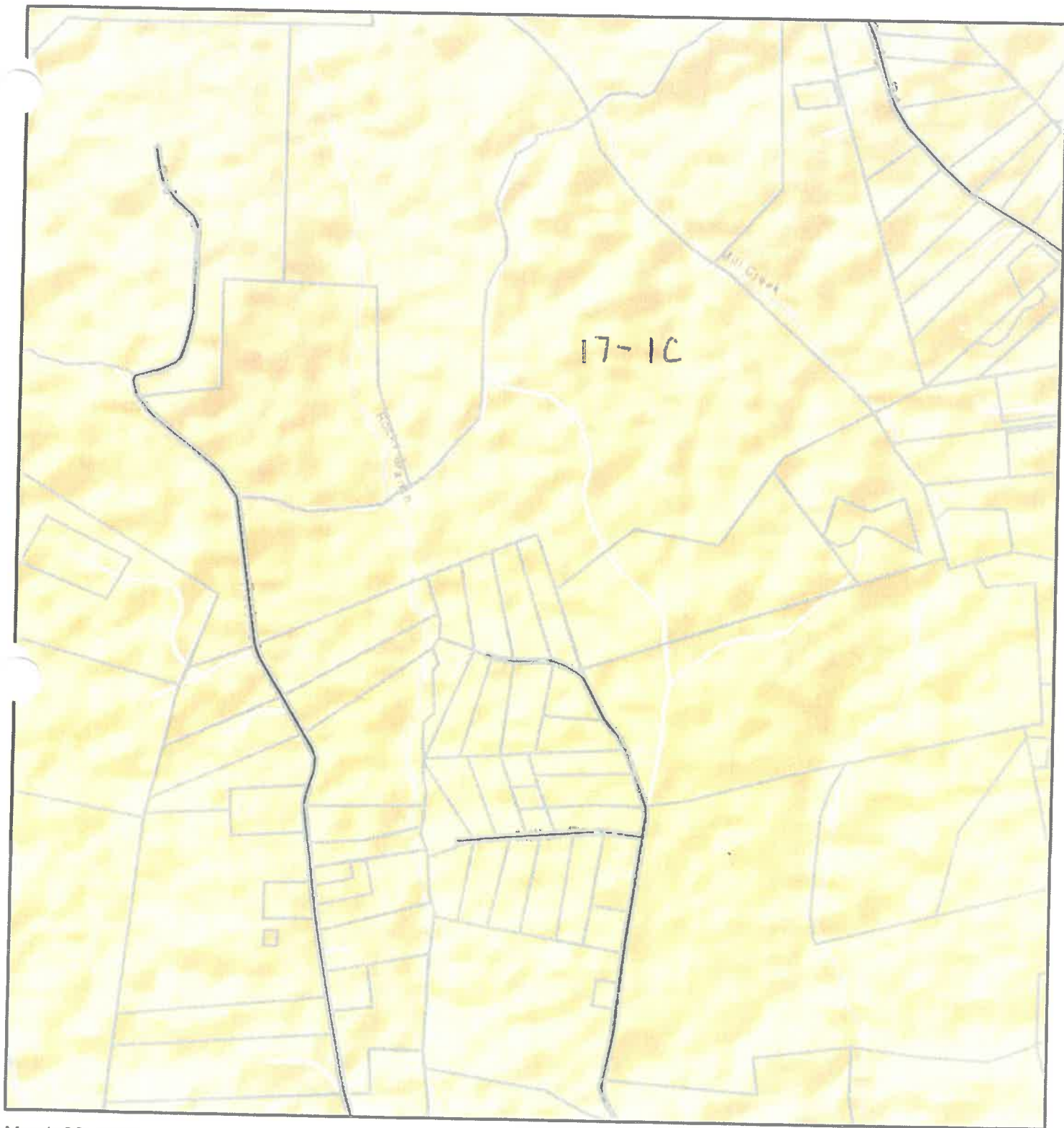
Comments -----  
 OFF END RT. 673

Total Property Value 170500

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		170500	170500	%
Improvements				
Total		170500	170500	%
Average Price Per Acre			700	

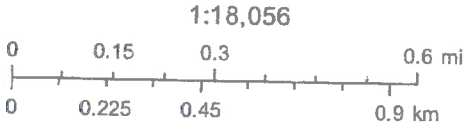
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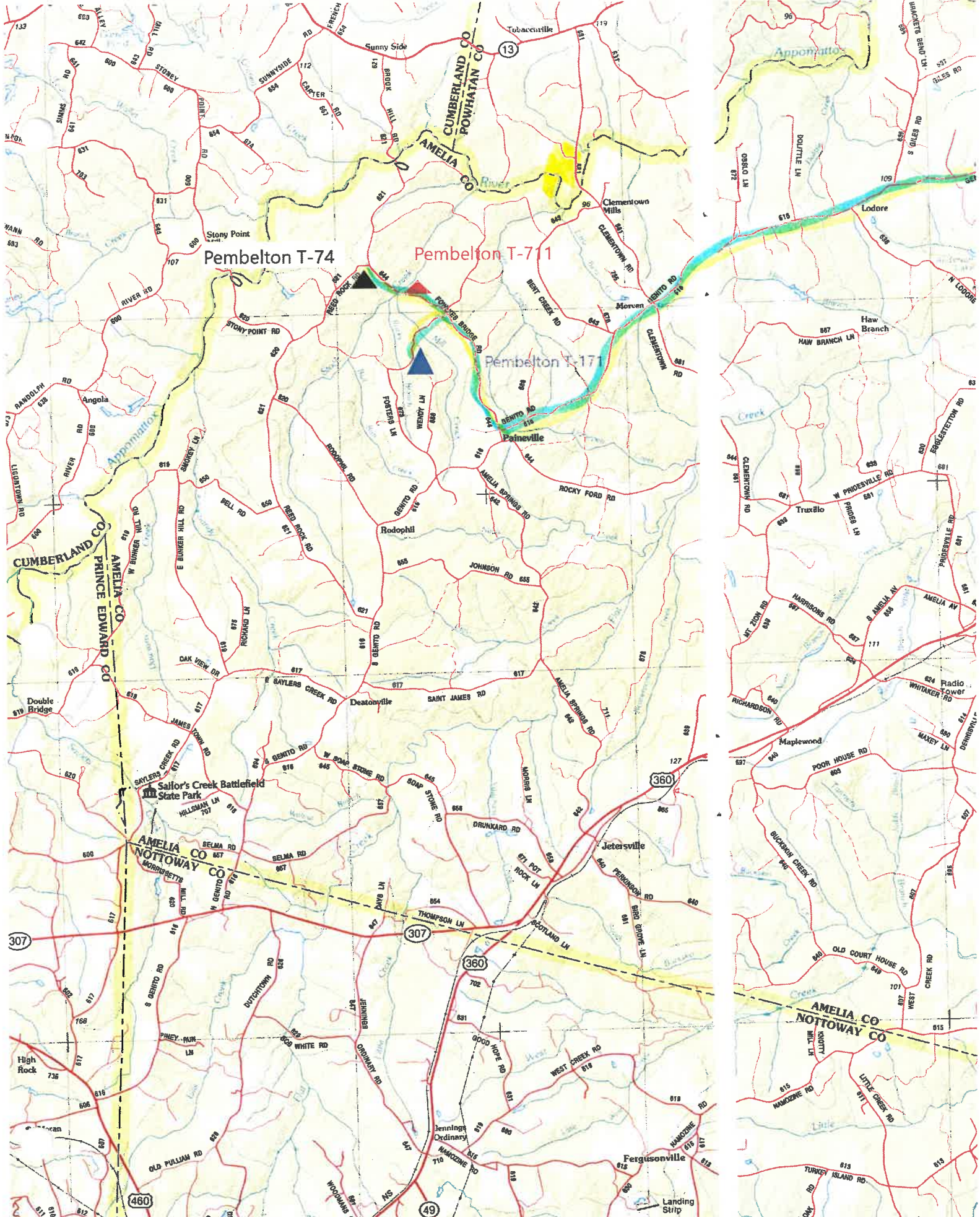


March 26, 2018

Tax Map



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

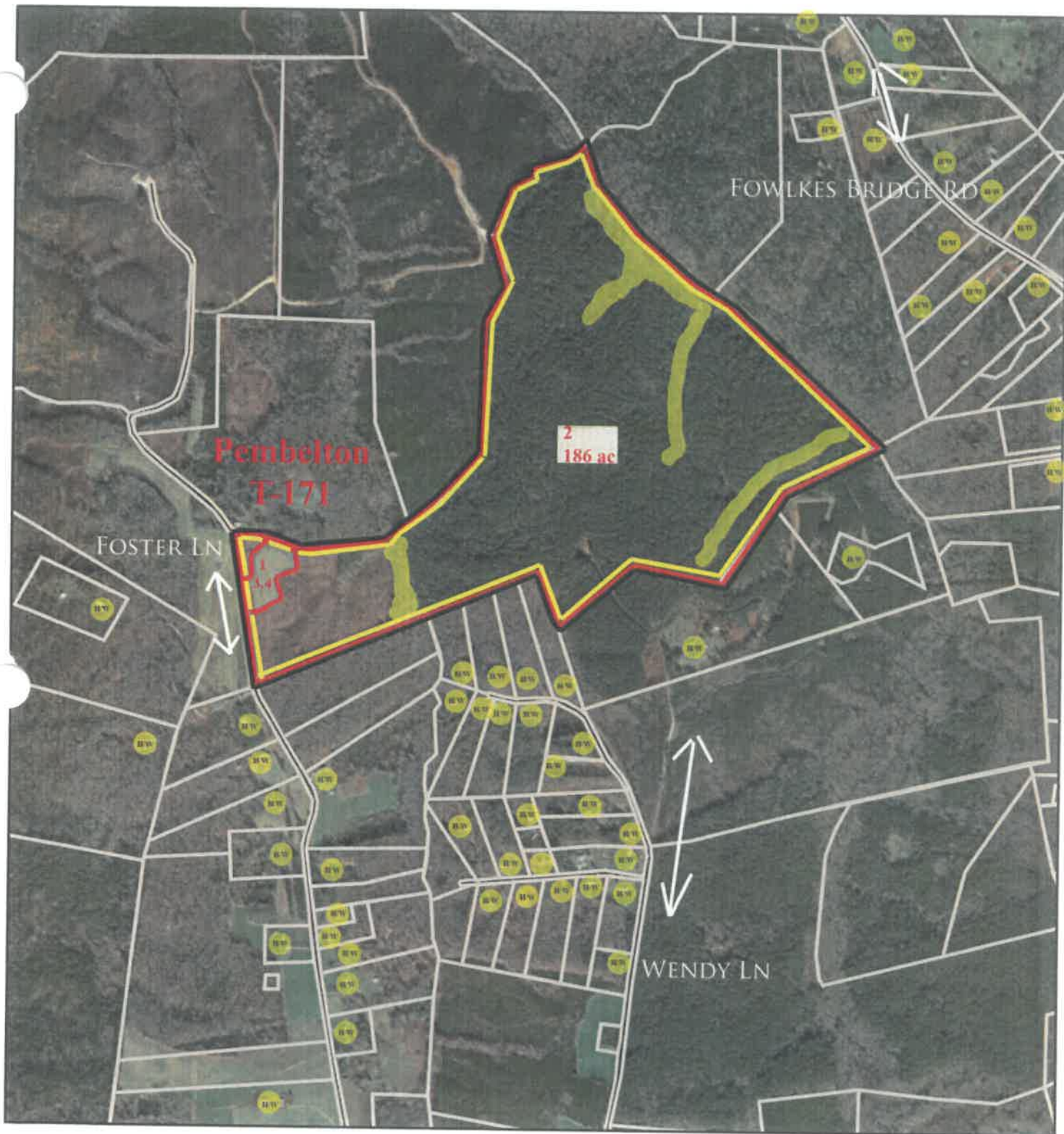


2  
1

Road map

111

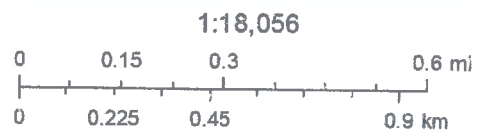
7/6/20



March 26, 2018

### Buffer Map

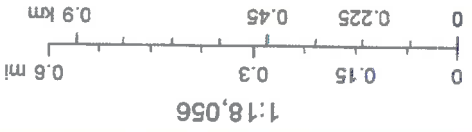
Field 1) 3.4 acres  
Field 2) 186 acres



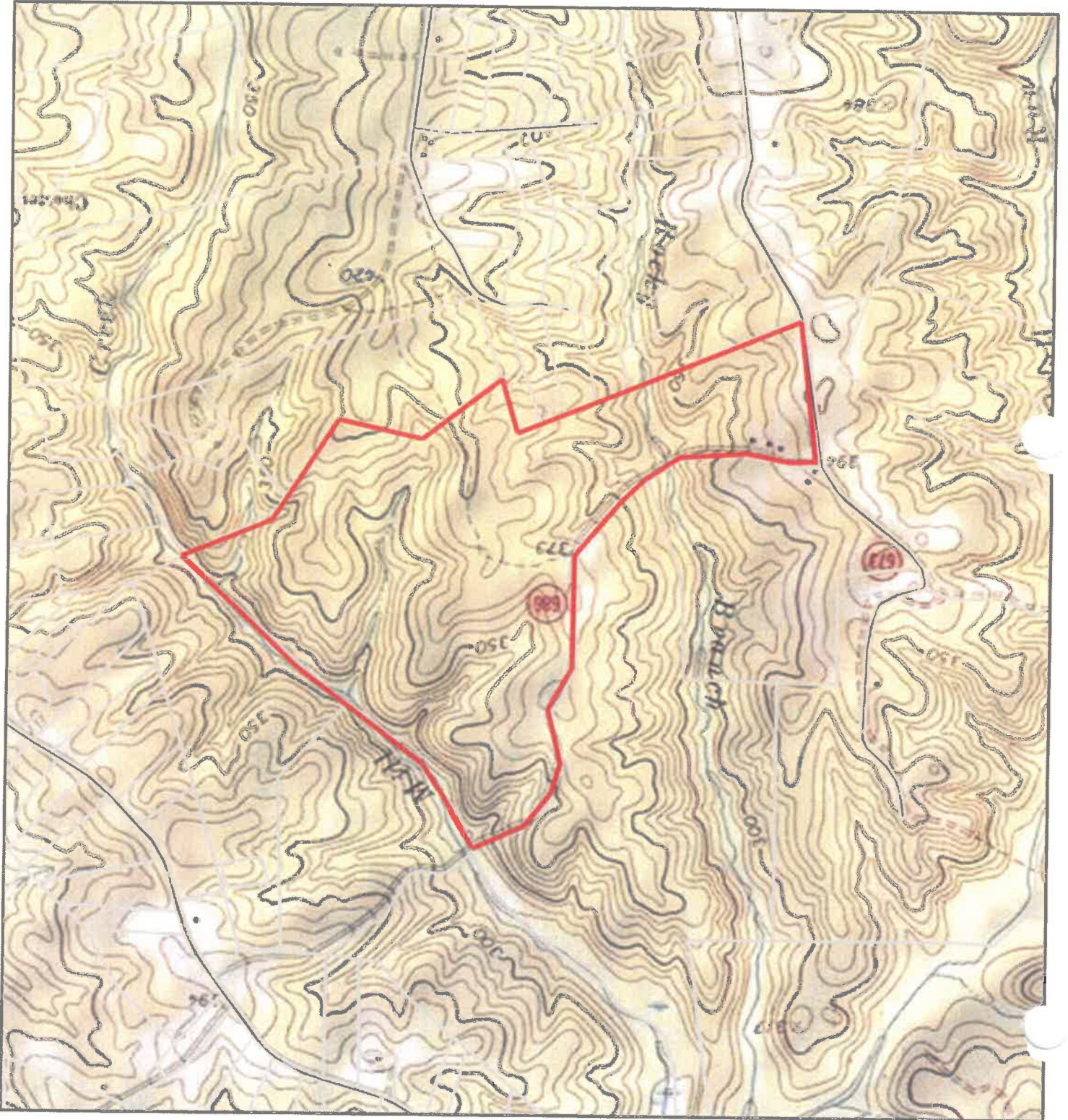
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

March 26, 2018

# Topo Map

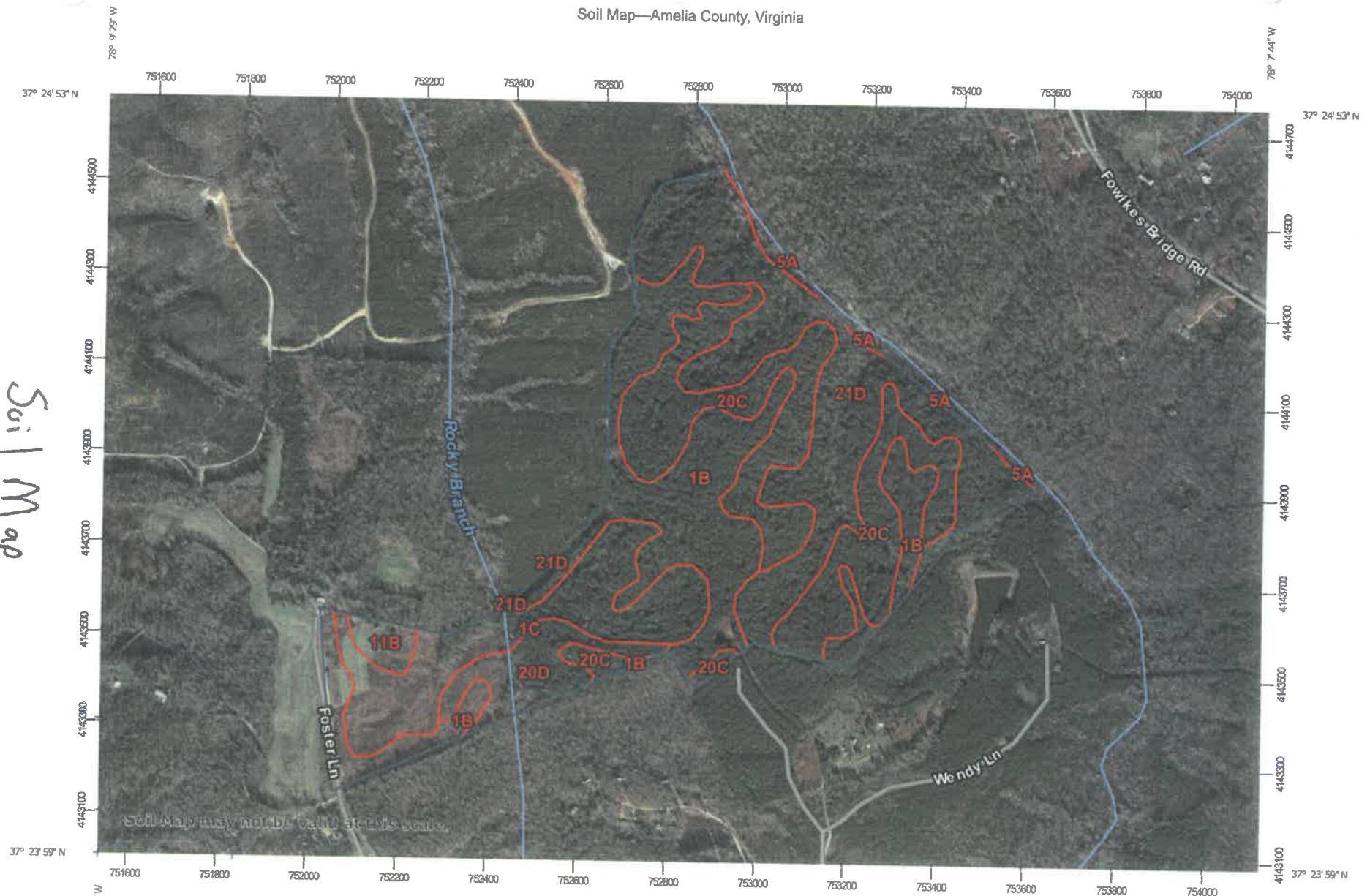


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# Soil Map—Amelia County, Virginia

Soil Map



Map Scale: 1:11,800 if printed on A landscape (11" x 8.5") sheet.







































Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

## MAP LEGEND

<b>Area of Interest (AOI)</b>			Spoil Area
	Area of Interest (AOI)		Stony Spot
<b>Soils</b>			Very Stony Spot
	Soil Map Unit Polygons		Wet Spot
	Soil Map Unit Lines		Other
	Soil Map Unit Points		Special Line Features
<b>Special Point Features</b>		<b>Water Features</b>	
	Blowout		Streams and Canals
	Borrow Pit	<b>Transportation</b>	
	Clay Spot		Rails
	Closed Depression		Interstate Highways
	Gravel Pit		US Routes
	Gravelly Spot		Major Roads
	Landfill		Local Roads
	Lava Flow	<b>Background</b>	
	Marsh or Swamp		Aerial Photography
	Mine or Quarry		
	Miscellaneous Water		
	Perennial Water		
	Rock Outcrop		
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia  
Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

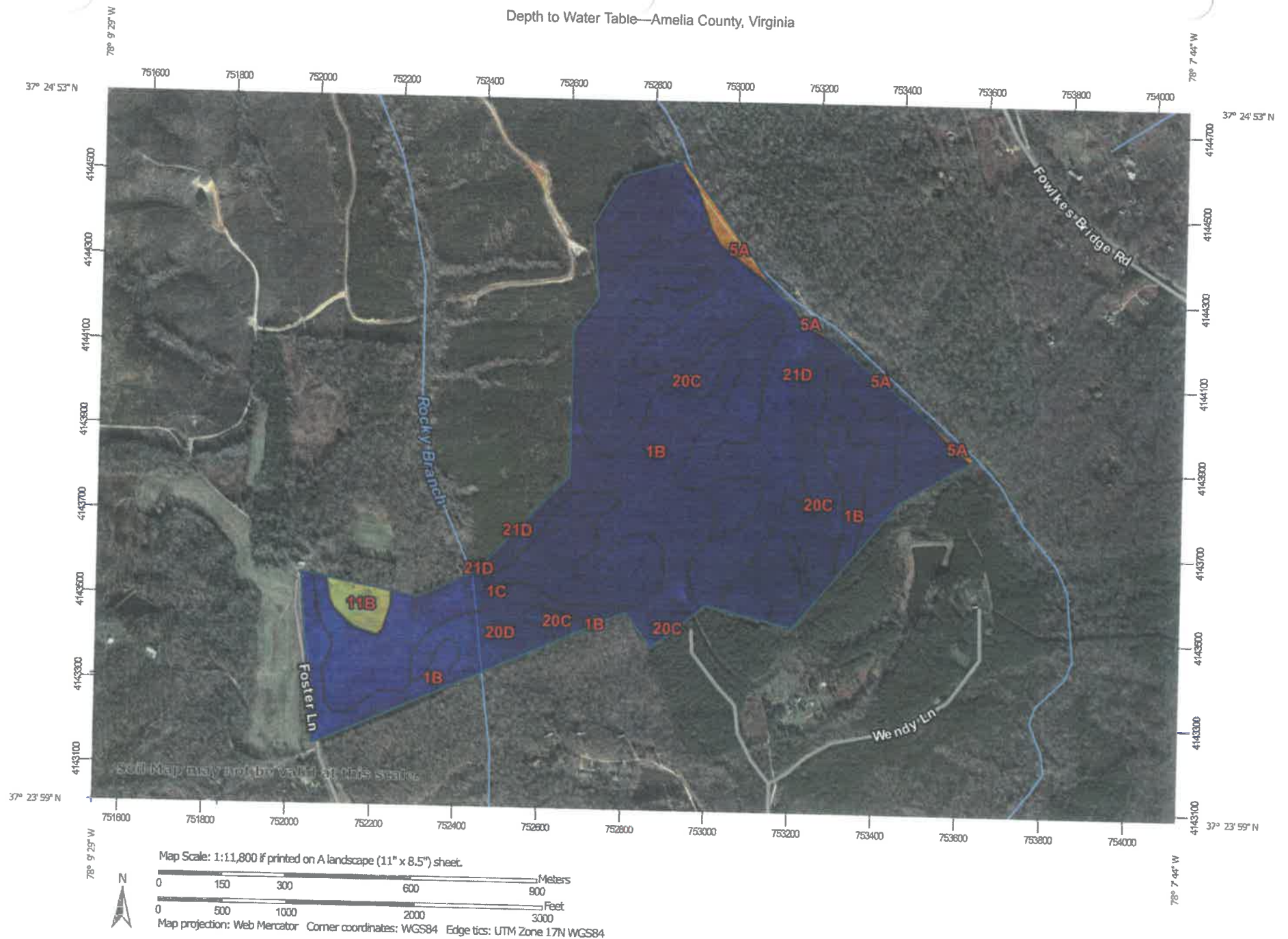
Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	55.3	26.4%
1C	Appling fine sandy loam, 7 to 15 percent slopes	30.3	14.5%
5A	Chewacla silt loam, 0 to 2 percent slopes, frequently flooded	2.9	1.4%
11B	Helena fine sandy loam, 2 to 7 percent slopes	3.4	1.6%
20C	Wedowee sandy loam, 7 to 15 percent slopes	50.3	24.0%
20D	Wedowee sandy loam, 15 to 25 percent slopes	11.5	5.5%
21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	55.9	26.7%
<b>Totals for Area of Interest</b>		<b>209.6</b>	<b>100.0%</b>






























# Depth to Water Table—Amelia County, Virginia



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

## MAP LEGEND

<b>Area of Interest (AOI)</b>	 Area of Interest (AOI)	 Not rated or not available
<b>Soils</b>		<b>Water Features</b>
<b>Soil Rating Polygons</b>		 Streams and Canals
 0 - 25		<b>Transportation</b>
 25 - 50		 Rails
 50 - 100		 Interstate Highways
 100 - 150		 US Routes
 150 - 200		 Major Roads
 > 200		 Local Roads
 Not rated or not available		<b>Background</b>
		 Aerial Photography
<b>Soil Rating Lines</b>		
 0 - 25		
 25 - 50		
 50 - 100		
 100 - 150		
 150 - 200		
 > 200		
 Not rated or not available		
<b>Soil Rating Points</b>		
 0 - 25		
 25 - 50		
 50 - 100		
 100 - 150		
 150 - 200		
 > 200		

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia  
Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



## Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AQI	Percent of AQI
1B	Appling fine sandy loam, 2 to 7 percent slopes	>200	55.3	26.4%
1C	Appling fine sandy loam, 7 to 15 percent slopes	>200	30.3	14.5%
5A	Chewaclay silt loam, 0 to 2 percent slopes, frequently flooded	31	2.9	1.4%
11B	Helena fine sandy loam, 2 to 7 percent slopes	61	3.4	1.6%
20C	Wedowee sandy loam, 7 to 15 percent slopes	>200	50.3	24.0%
20D	Wedowee sandy loam, 15 to 25 percent slopes	>200	11.5	5.5%
21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	>200	55.9	26.7%
<b>Totals for Area of Interest</b>			<b>209.6</b>	<b>100.0%</b>

### Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

### Rating Options

*Units of Measure:* centimeters

*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

*Beginning Month:* January

*Ending Month:* December

**Pembelton  
Tract T-171  
Field Data Sheet**

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
171-1	3.4	37.4073	-78.1401	Agricultural
171-2	186.0			Silvicultural
<b>SUM</b>	<b>189.4</b>			

\*All Latitude/Longitude Points were obtained through Google Earth

[Print this Property Card](#)

Atchison

[Return to Search Results](#)

Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 26 9A RLP INVESTMENTS LC  
 Acct #: 000011348-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: P O BOX 559  
 City/St: AMELIA COURT HOUSE VA 23002

Legal Description 001 of 01  
 FR 26-9

30.000 AC

Occupancy: VACANT

Dwl Type:

MH/Type: /

Year Built:

Use/Class: /AGRICULTURAL- 20-100 AC

Year Rmld:

Year Assd: 2012

Year Effd:

2007

Zoning:

Condition:

Dist: 03 LEIGH

On Site Date: (AP ) 5/02/2011

Review Date: ( )

Inst#: 2015 0801539

Acreage: 30.000

Land Use:

Total Mineral:

Total Land: 12400

Total Imp:

Total Value: 12400

Improvement Description		Site
Exterior	Interior	STREET-PRIVATE

Land Valuation						
M Cls	Desc	G	Size	Dpth	Rate	Value
A 20	WOODLAND	0	20.000		520.00	10400
A 42	WASTELAND-	A	10.000		200.00	2000
Total Land Value			30.000			12400

Total Property Value						12400
----------------------	--	--	--	--	--	-------

Sec	Type	Str	Description	Area
			Cur. Value	Prev. Value
Land			12400	16000
Improvements				( 22%)
Total			12400	16000
Average Price Per Acre				413
Sale Date/Amount			10/30/2015	

[Print this Property Card](#)[Return to Search Results](#)**Disclaimer**

Every Reasonable Effort has been made to assure the Accuracy of these maps and associated data. Amelia County, Virginia and Pearson Appraisal Assume no liability arising from use of these Values or Data contained on this website. The values and property data is provided without warranty

[Print this Property Card](#)Atchison - Gold Land (Circles)  
70.31 orig.[Return to Search Results](#)

Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 26 9C RLP INVESTMENTS L  
 Acct #: 000011637-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: P O BOX 559  
 City/St: AMELIA COURT HOUSE VA 23002

Legal Description 001 of 01  
 FR 26-9 PARCEL C  
 49.830 FR 26-9B (2017)  
 120.140 AC

Occupancy: VACANT

Dwl Type:

Use/Class: /AGRICULTURAL- 20-100 AC

Year Assd: 2012

Zoning:

Dist: 03 LEIGH

Year Built:

Year Rmld:

Year Efft:

Condition:

On Site Date: (AP ) 5/02/2011

Review Date: ( )

Inst#: 2017 0000264  
 Acreage: 120.140

Land Use:

Total Mineral:

Total Land: 58600

Total Imp:

Total Value: 58600

Improvement Description		Site
Exterior	Interior	STREET-OFF ROAD

Land Valuation						
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct Value
A 20	WOODLAND	0	108.140		520.00	56232
A 42	WASTELAND-	A	12.000		200.00	2400
Total Land Value			120.140			58600

Total Property Value	58600
----------------------	-------

Sec	Type	Str	Description	Area
			Cur. Value	Prev. Value
Land			58600	43200
Improvements				
Total			58600	43200
Average Price Per Acre				488
Sale Date/Amount			2/24/2017	

**Disclaimer**

Every Reasonable Effort has been made to assure the Accuracy of these maps and associated data. Amelia County, Virginia and Pearson Appraisal Assume no liability arising from use of these Values or Data contained on this website. The values and property data is provided without warranty

New LOA  
7-29-20  
SB

## FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

### PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 8-14-19 between RLP Investments LC referred to here as "Landowner", and Nutri-Blend referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

#### Landowner:

The Landowner is the owner of record of the real property located in Amelia, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>26-9A</u>			
<u>26-9C</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner is the sole owner of the properties identified herein.  
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

#### Class B biosolids

☒ Yes ☐ No

#### Water treatment residuals

☐ Yes ☒ No

#### Food processing waste

☐ Yes ☒ No

#### Other industrial sludges

☐ Yes ☒ No

Ronald Pemberton - Owner

RLP Investments LC VA C/O Henry Foundation

Landowner - Printed Name, Title

Signature

Mailing Address

P.O. Box 559

Amelia, VA 23002

#### Permittee:

Nutri-Blend, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Bill Burnett

Permittee - Authorized Representative  
Printed Name

Bill Burnett

Signature

Nutri-Blend, Inc.  
PO Box 38060  
Henrico, VA 23231

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT**

Permittee: Nutri - Blend County or City: Amelia  
Landowner: RLP Investments LLC VA Oyster Foundation

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Run 2 Run 3  
Landowner's Signature

8-14-19  
Date

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT**

## Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A *Land Application Agreement - Biosolids and Industrial Residuals* form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

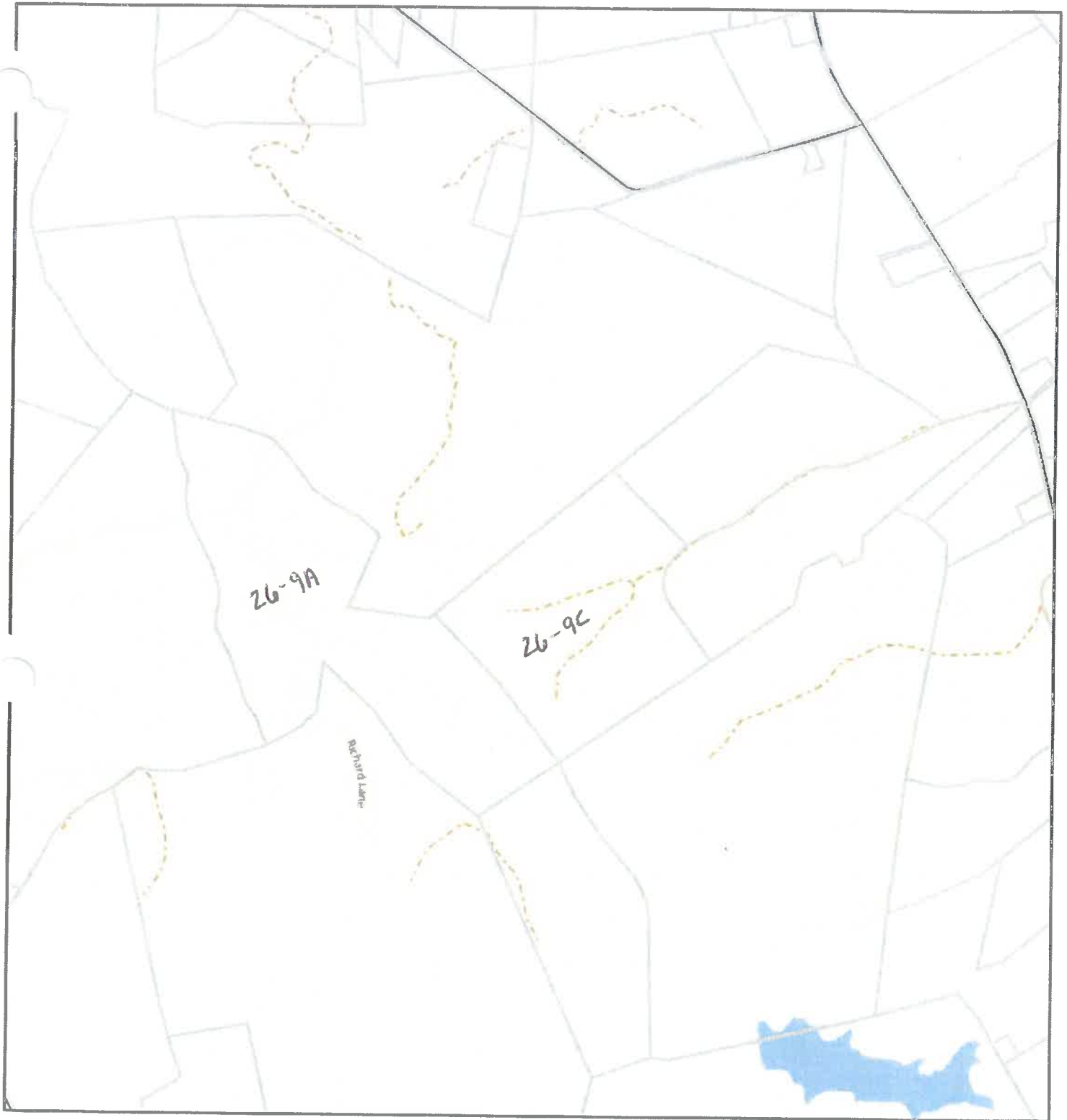
Permittee. Nutri-Blend Inc.

County or City: Amelia

Please Print

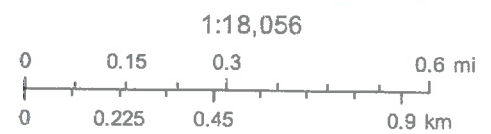
(Signatures not required on this page)

[illegible]



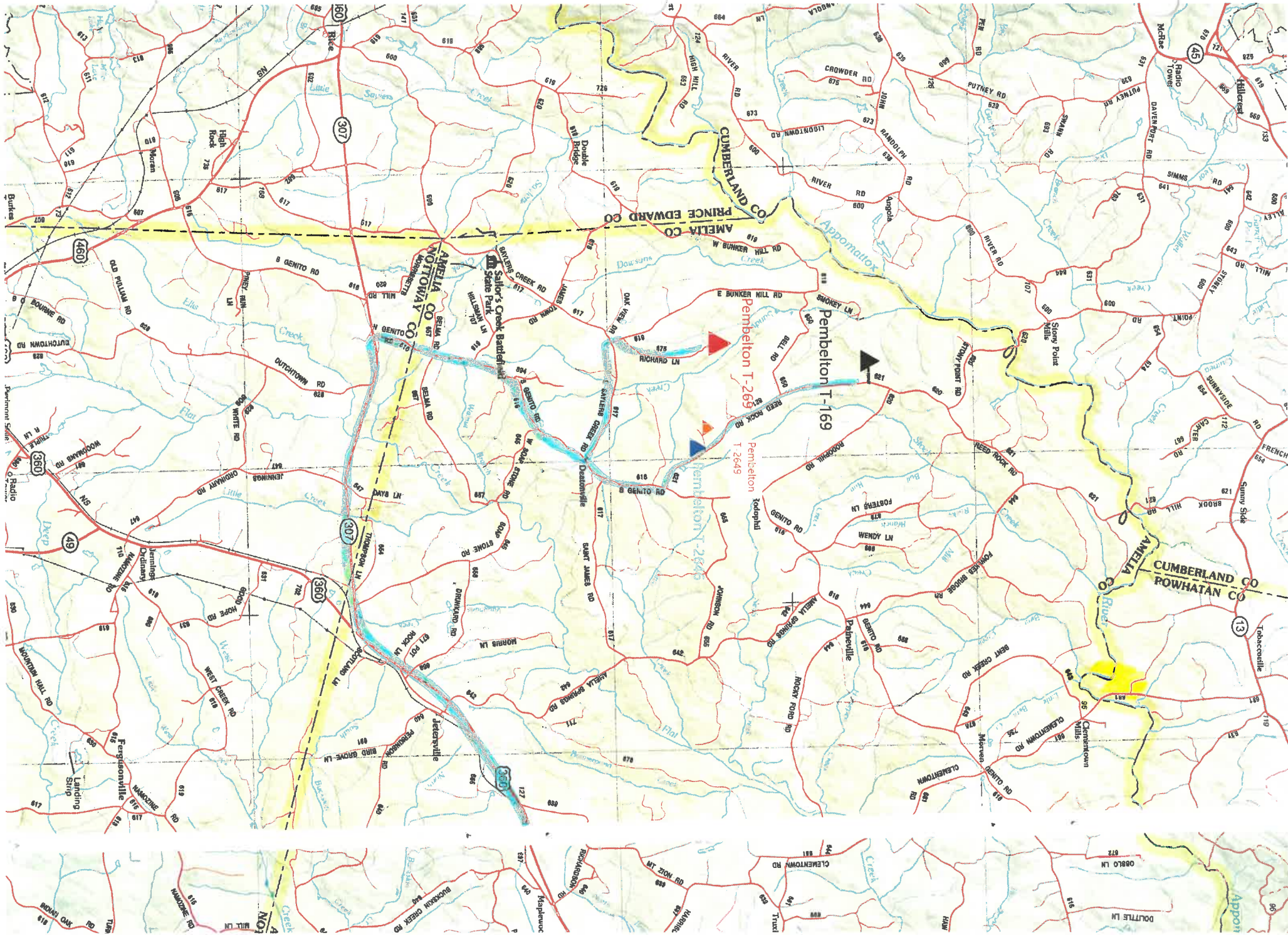
March 27, 2018

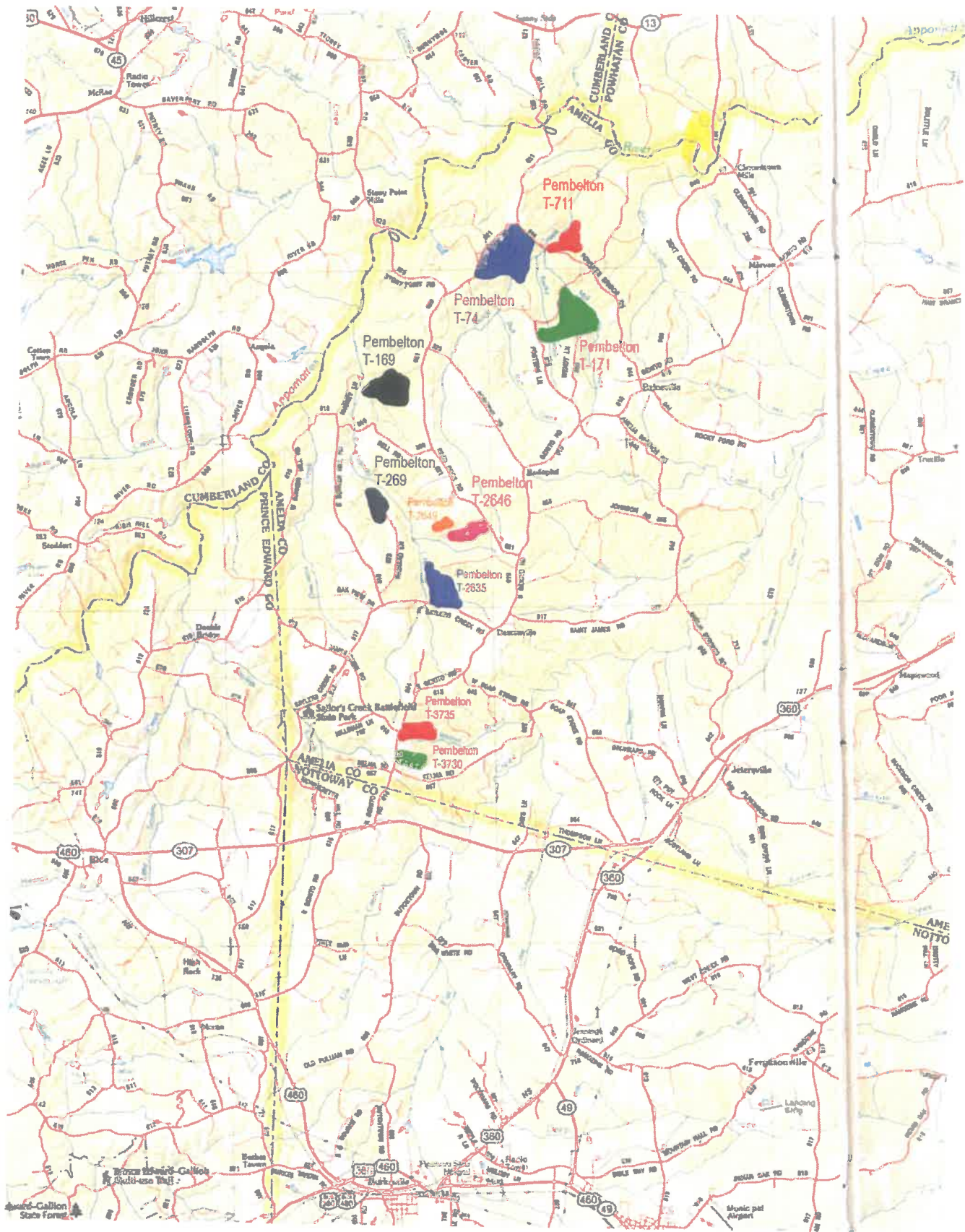
Tax Map



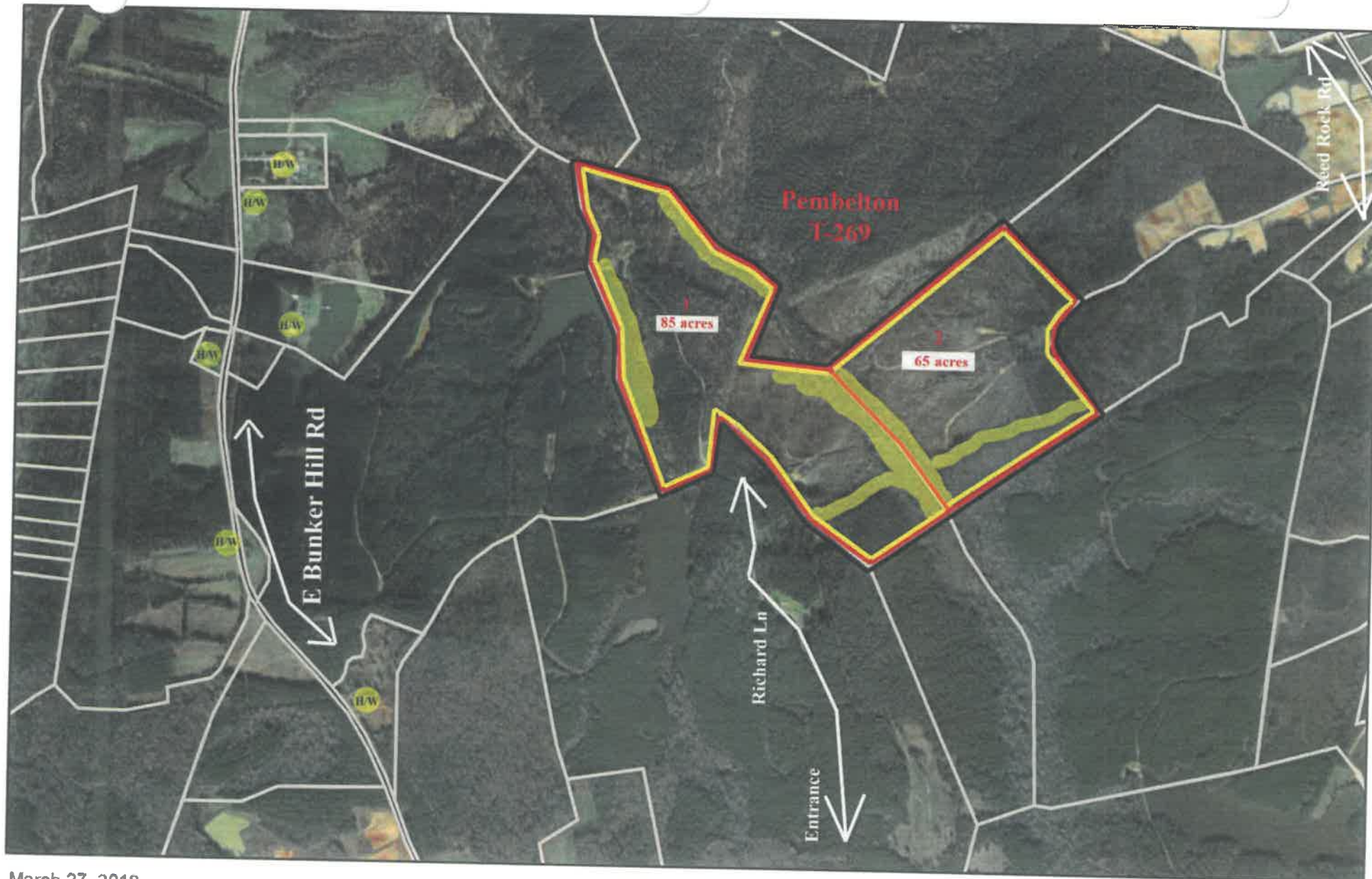
Map data © OpenStreetMap contributors, CC-BY-SA

3-20-20 269





Road Map

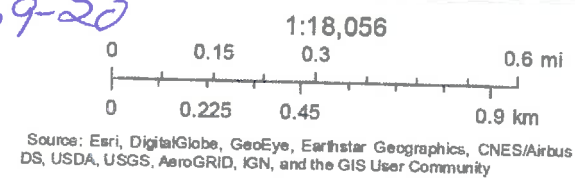


March 27, 2018



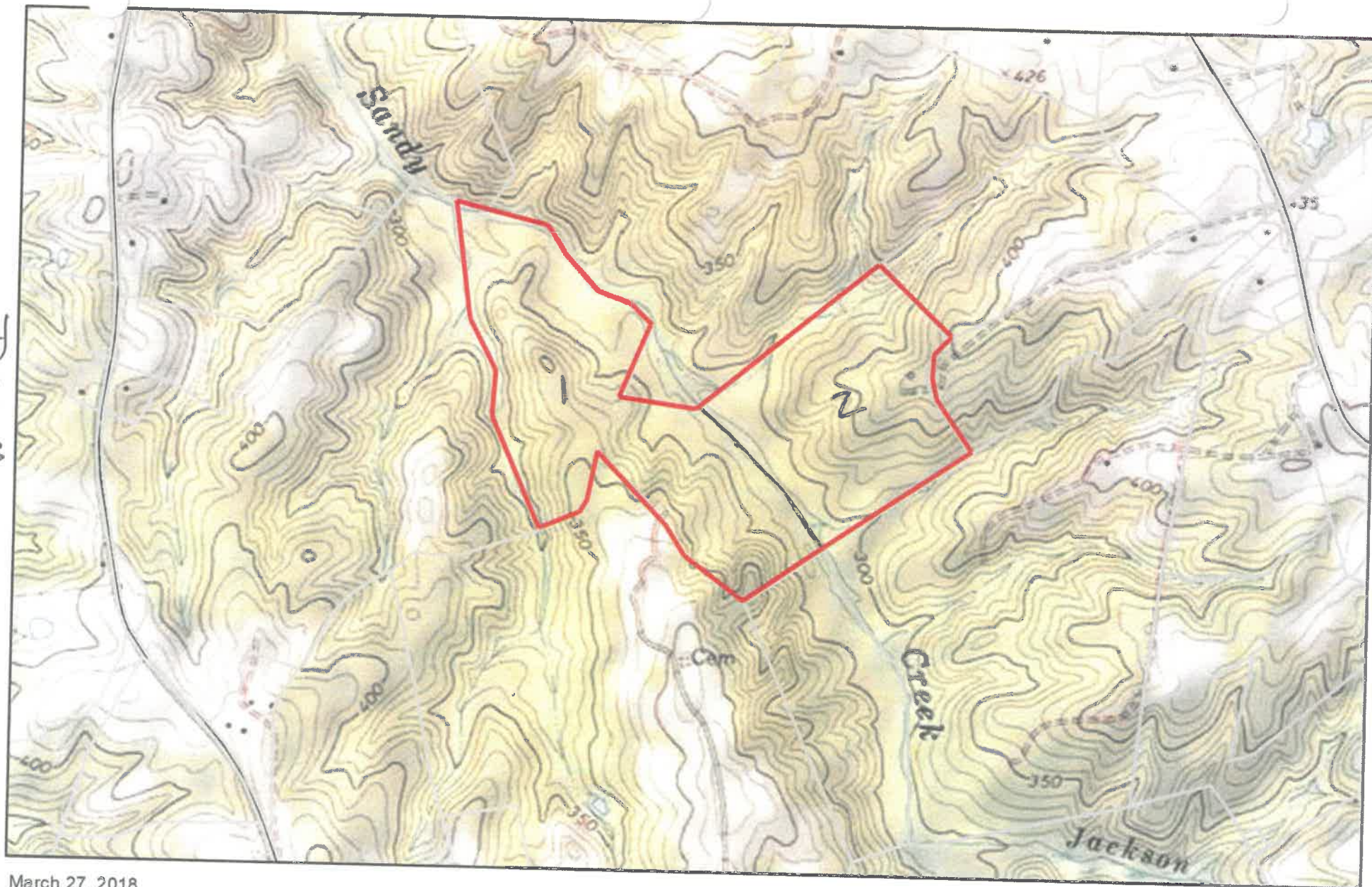
## Buffer Map

17-29-20

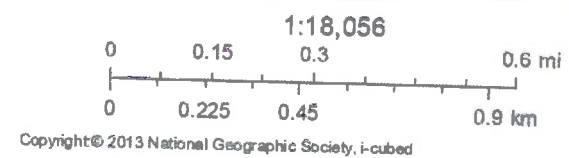


Modified 7/13/20

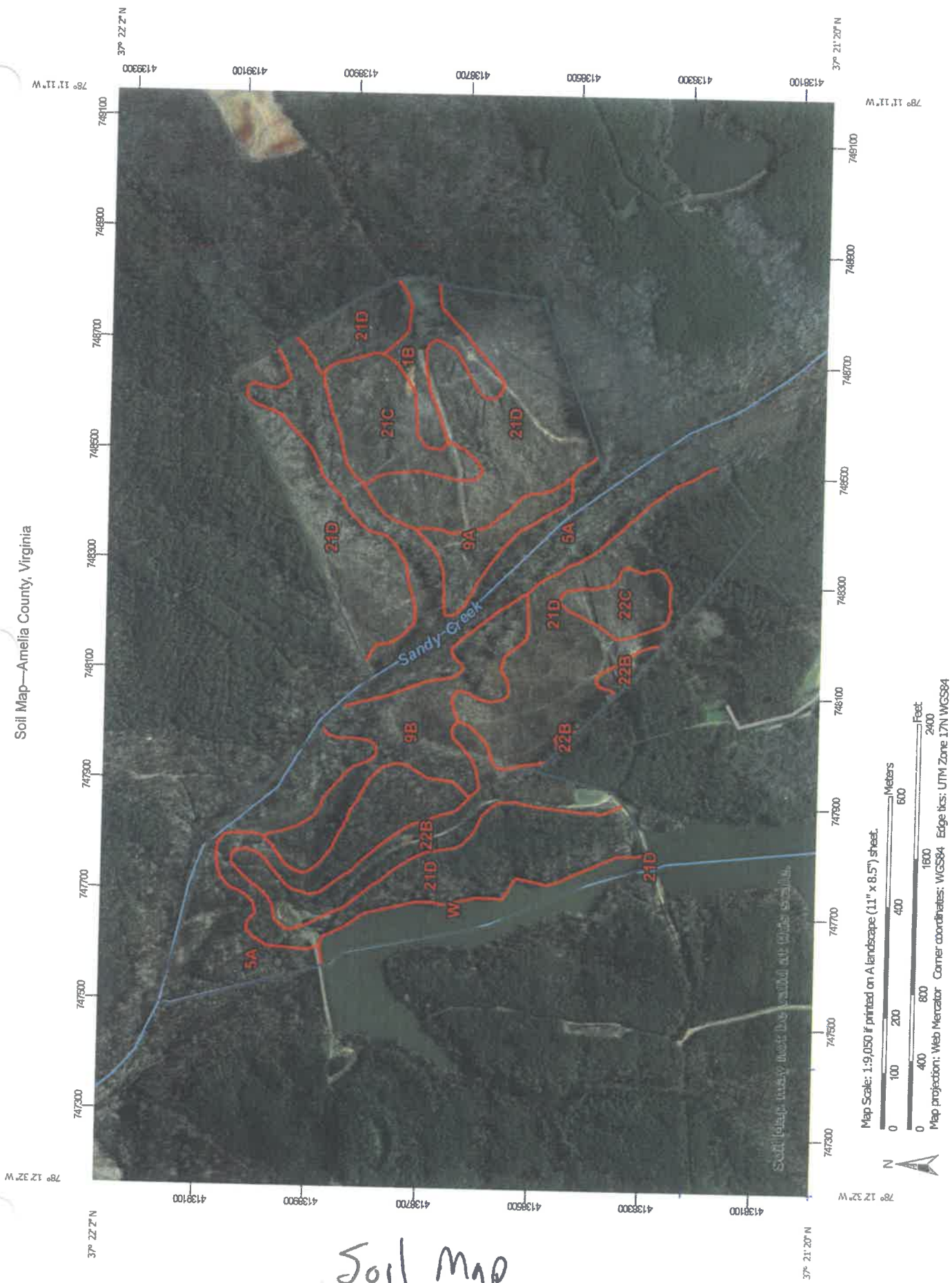
Topo Map



March 27, 2018



# Soil Map—Amelia County, Virginia



Map Scale: 1:9,050 if printed on A landscape (11" x 8.5") sheet.







































Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84



Web Soil Survey  
National Cooperative Soil Survey

## MAP LEGEND

<b>Area of Interest (AOI)</b>			Spoil Area
	Area of Interest (AOI)		Stony Spot
<b>Soils</b>			Very Stony Spot
	Soil Map Unit Polygons		Wet Spot
	Soil Map Unit Lines		Other
	Soil Map Unit Points		Special Line Features
<b>Special Point Features</b>		<b>Water Features</b>	
	Blowout		Streams and Canals
	Borrow Pit	<b>Transportation</b>	
	Clay Spot		Rails
	Closed Depression		Interstate Highways
	Gravel Pit		US Routes
	Gravelly Spot		Major Roads
	Landfill		Local Roads
	Lava Flow	<b>Background</b>	
	Marsh or Swamp		Aerial Photography
	Mine or Quarry		
	Miscellaneous Water		
	Perennial Water		
	Rock Outcrop		
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

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Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia  
Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres In AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	5.5	2.9%
5A	Chewacla silt loam, 0 to 2 percent slopes, frequently flooded	39.1	21.0%
9A	Dogue fine sandy loam, 0 to 2 percent slopes, rarely flooded	4.8	2.6%
9B	Dogue fine sandy loam, 2 to 7 percent slopes, rarely flooded	14.6	7.9%
21C	Wetmore-Poindexter complex, 7 to 15 percent slopes	8.8	4.7%
21D	Wetmore-Poindexter complex, 15 to 25 percent slopes	90.1	48.3%
22B	Winnboro sandy loam, 2 to 7 percent slopes	12.4	6.7%
22C	Winnboro sandy loam, 7 to 15 percent slopes	4.1	2.2%
W	Water	6.9	3.7%
Totals for Area of Interest		186.3	100.0%
























## 78° 12' 32" W



0 400 800 1600 2400 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

## MAP LEGEND

<b>Area of Interest (AOI)</b>	 Area of Interest (AOI)	 Not rated or not available
<b>Soils</b>		<b>Water Features</b>
<b>Soil Rating Polygons</b>		 Streams and Canals
 0 - 25		<b>Transportation</b>
 25 - 50		 Rails
 50 - 100		 Interstate Highways
 100 - 150		 US Routes
 150 - 200		 Major Roads
 > 200		 Local Roads
 Not rated or not available		<b>Background</b>
<b>Soil Rating Lines</b>		 Aerial Photography
 0 - 25		
 25 - 50		
 50 - 100		
 100 - 150		
 150 - 200		
 > 200		
 Not rated or not available		
<b>Soil Rating Points</b>		
 0 - 25		
 25 - 50		
 50 - 100		
 100 - 150		
 150 - 200		
 > 200		

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia

Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	>200	5.5	2.9%
5A	Chewacla silt loam, 0 to 2 percent slopes, frequently flooded	31	39.1	21.0%
9A	Dogue fine sandy loam, 0 to 2 percent slopes, rarely flooded	69	4.8	2.6%
9B	Dogue fine sandy loam, 2 to 7 percent slopes, rarely flooded	69	14.6	7.9%
21C	Wedowee-Poindexter complex, 7 to 15 percent slopes	>200	8.8	4.7%
21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	>200	90.1	48.3%
22B	Winnsboro sandy loam, 2 to 7 percent slopes	>200	12.4	6.7%
22C	Winnsboro sandy loam, 7 to 15 percent slopes	>200	4.1	2.2%
W	Water	>200	6.9	3.7%
<b>Totals for Area of Interest</b>			<b>186.3</b>	<b>100.0%</b>

## Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

## Rating Options

*Units of Measure:* centimeters

*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

Rec'd 8-31-20

**Pembelton  
Tract T-269  
Field Data Sheet**

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
269-1	85.0	37.3624	-78.2012	Silvicultural
269-2	65.0			Silvicultural
SUM		150.0		

\*All Latitude/Longitude Points were obtained through Google Earth

8/31/20

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 1 1 PEMBELTON INVESTMENTS LC  
 Acct #: 000010963-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Legal Description 001 of 01  
 STOCK CREEK LANDING

52.470 AC

Occupancy: VACANT

Dwl Type:

MH/Type: /

Use/Class: /AGRICULTURAL- 20-100 AC

Year Assd: 2012

Zoning:

Dist: 03 LEIGH

Year Built:

Year Rmld:

Year Effrt:

Condition:

On Site Date: (RK ) 5/19/2011

Review Date: ( )

Deed Bk/Pg: 278/7218

Acreage: 52.470

Land Use:

Total Mineral:

Total Land: 27300

Total Imp:

Total Value: 27300

Land Valuation						
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct Value
A 21	WOODLAND	D	52.470		520.00	27284
Total Land Value			52.470			27300

Comments  
 LOTS 1-8 SOLD WITH 7-8 FOR 600,000  
 2009 VIRGINIA OUTDOORS FOUNDATION

Total Property Value 27300

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		27300	27300	%
Improvements				
Total		27300	27300	%
Average Price Per Acre			520	
Sale Date/Amount		11/26/2008		

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 1 2  
 Acct #: 000010964-001  
 Address:  
 City/St:

Legal Description 001 of 01  
 STOCK CREEK LANDING  
 62.240 AC

Occupancy: VACANT  
 Dwl Type: MH/Type: /  
 Use/Class: /AGRICULTURAL- 20-100 AC  
 Year Assd: 2012  
 Zoning:  
 Dist: 03 LEIGH

Deed Bk/Pg: 278/7218  
 Acreage: 62.240  
 Land Use:  
 Total Mineral:  
 Total Land: 32400  
 Total Imp:  
 Total Value: 32400

Land Valuation							
M	Cls	Desc	G	Size	Dpth	Rate	FV/Pct Value
A	21	WOODLAND	D	62.240		520.00	32364
Total Land Value				62.240			32400

Comments  
 LOTS 1-8 AND 7-8 SOLD FOR 600,000  
 2009 VIRGINIA OUTDOORS FOUNDATION

Total Property Value 32400

Sec	Type	Str	Description	Area
			Cur. Value	Prev. Value
Land			32400	32400
Improvements				%
Total			32400	32400
Average Price Per Acre			520	%
Sale Date/Amount			11/26/2008	

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 1 3  
 Sect #: 000010965-001  
 Address:  
 City/St:

PENBELTON INVESTMENTS LC  
 VIRGINIA OUTDOORS FOUNDATION  
 402 DAVIS MILL RD  
 BLACKSTONE VA 23824

Legal Description 001 of 01  
 STOCK CREEK LANDING

52.150 AC

Occupancy: VACANT  
 Dwl Type:  
 Use/Class: /AGRICULTURAL- 20-100 AC  
 Year Assd: 2012  
 Zoning:  
 Dist: 03 LEIGH

Year Built:  
 Year Rmld:  
 Year Efft:  
 Condition:  
 On Site Date: (RK ) 5/19/2011  
 Review Date: ( )

Deed Bk/Pg: 278/7218  
 Acreage: 52.150  
 Land Use:  
 Total Mineral:  
 Total Land: 27100  
 Total Imp:  
 Total Value: 27100

M	Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A	21	WOODLAND	D	52.150		520.00		27118
Total Land Value				52.150				27100

Comments  
 LOTS 1-8 AND 7-8 SOLD FOR 600,000  
 2009 VIRGINIA OUTDOORS FOUNDATION

Total Property Value 27100

Sec	Type	Str	Description	Area
			Cur. Value	Prev. Value
Land			27100	27100
Improvements				
Total			27100	27100
Average Price Per Acre				520
Sale Date/Amount			11/26/2008	

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 1 4 PEMBELTON INVESTMENTS LC  
 Acct #: 000010966-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Legal Description 001 of 01  
 STOCK CREEK LANDING

48.480 AC

Occupancy: VACANT  
 Dwl Type: MH/Type: /  
 Use/Class: /AGRICULTURAL- 20-100 AC  
 Year Assd: 2012  
 Zoning:  
 Dist: 03 LEIGH  
 Year Built:  
 Year Rmld:  
 Year Effd:  
 Condition:  
 On Site Date: (RK ) 5/19/2011  
 Review Date: ( )

Deed Bk/Pg: 278/7218  
 Acreage: 48.480  
 Land Use:  
 Total Mineral:  
 Total Land: 25200  
 Total Imp:  
 Total Value: 25200

Land Valuation							
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A	21 WOODLAND	D	48.480		520.00		25209
Total Land Value			48.480				25200

Comments -----  
 LOTS 1-8 AND 7-8 SOLD FOR 600,000  
 2009 VIRGINIA OUTDOORS FOUNDATION

Total Property Value 25200

Sec	Type	Str	Description	Area
			Cur. Value	Prev. Value
Land			25200	25200
Improvements				
Total			25200	25200
Average Price Per Acre			520	
Sale Date/Amount			11/26/2008	

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 1 5 PEMBELTON INVESTMENTS LC  
 Acct #: 000010967-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Legal Description 001 of 01  
 STOCK CREEK LANDING

40.410 AC

Occupancy: VACANT  
 Dwl Type: MH/Type: /  
 Use/Class: /AGRICULTURAL- 20-100 AC  
 Year Assd: 2012  
 Zoning:  
 Dist: 03 LEIGH  
 Year Built:  
 Year Rmld:  
 Year Effd:  
 Condition:  
 On Site Date: (RK ) 5/19/2011  
 Review Date: ( )

Deed Bk/Pg: 278/7216  
 Acreage: 40.410  
 Land Use:  
 Total Mineral:  
 Total Land: 21000  
 Total Imp:  
 Total Value: 21000

Land Valuation							
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A	21 WOODLAND	D	40.410		520.00		21013
Total Land Value			40.410				21000

Comments  
 LOTS 1-8 AND 7-8 SOLD FOR 600,000  
 2009 VIRGINIA OUTDOORS FOUNDATION

Total Property Value 21000

Sec	Type	Str	Description	Area
			Cur. Value	Prev. Value
Land			21000	21000
Improvements				
Total			21000	21000
Average Price Per Acre			520	
Sale Date/Amount			11/26/2008	

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 1 6 PEMBELTON INVESTMENTS LC  
 Acct #: 000010968-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Legal Description 001 of 01  
 STOCK CREEK LANDING

40.000 AC

Occupancy: VACANT  
 Dwl Type: MH/Type: /  
 Use/Class: /AGRICULTURNL- 20-100 AC  
 Year Assd: 2012  
 Zoning:  
 Dist: 03 LEIGH  
 Year Built:  
 Year Rmld:  
 Year Efft:  
 Condition:  
 On Site Date: (RK ) 5/19/2011  
 Review Date: ( )

Deed Bk/Pg: 278/7218  
 Acreage: 40.000  
 Land Use:  
 Total Mineral:  
 Total Land: 20800  
 Total Imp:  
 Total Value: 20800

Land Valuation							
M	Cls	Desc	G	Size	Dpth	Rate	FV/Pct Value
A	21	WOODLAND	D	40.000		520.00	20800
Total Land Value				40.000	20800		

Comments  
 2009 VIRGINIA OUTDOORS FOUNDATION

Total Property Value 20800

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		20800	20800	%
Improvements				
Total		20800	20800	%
Average Price Per Acre			520	
Sale Date/Amount		11/26/2008		

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 1 7 PEMBELTON INVESTMENTS LC  
 Acct #: 000010969-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Legal Description 001 of 01  
 STOCK CREEK LANDING

45.590 AC

Occupancy: VACANT

Dwl Type:

MI/Type: /

Use/Class: /AGRICULTURAL- 20-100 AC

Year Assd: 2012

Zoning:

Dist: 03 LEIGH

Year Built:

Year Rmld:

Year Eff:

Condition:

On Site Date: (RK ) 5/19/2011

Review Date: ( )

Deed Bk/Pg: 278/7218

Acreage: 45.590

Land Use:

Total Mineral:

Total Land: 23700

Total Imp:

Total Value: 23700

Land Valuation							
M	Cls	Desc	G	Size	Dpth	Rate	FV/Pct Value
A	21	WOODLAND	D	45.590		520.00	23706
Total Land Value				45.590			23700

Comments  
 LOTS 1-8 AND 7-8 SOLD FOR 600,000  
 2009 VIRGINIA OUTDOORS FOUNDATION

Total Property Value 23700

Sec	Type	Str	Description	Area
			Cur. Value	Prev. Value %Chg.
Land			23700	23700 %
Improvements				
Total			23700	23700 %
Average Price Per Acre			520	
Sale Date/Amount			11/26/2008	

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 1 8 PEMBELTON INVESTMENTS LC  
 Acct #: 000010970-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Legal Description 001 of 01  
 STOCK CREEK LANDING

43.900 AC

Occupancy: VACANT Year Built:  
 Dwl Type: MH/Type: / Year Rmld:  
 Use/Class: /AGRICULTURAL- 20-100 AC Year Efft:  
 Year Assd: 2012 Condition:  
 Zoning: On Site Date: (RK ) 5/19/2011  
 Dist: 03 LEIGH Review Date: ( )

Deed Bk/Pg: 278/7218  
 Acreage: 43.900  
 Land Use:  
 Total Mineral:  
 Total Land: 22800  
 Total Imp:  
 Total Value: 22800

Land Valuation							
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A	21 WOODLAND	D	43.900		520.00		22828
Total Land Value			43.900				22800

Comments  
 LOTS 1-8 AND 7-8 SOLD FOR 600,000  
 2009 VIRGINIA OUTDOORS FOUNDATION

Total Property Value 22800

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		22800	22800	%
Improvements				
Total		22800	22800	%
Average Price Per Acre			520	
Sale Date/Amount		11/26/2008		

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 5I PEMBELTON INVESTMENTS LC  
 Acct #: 000006614-001 402 DAVIS MILL RD  
 Address: BLACKSTONE VA 23824  
 City/St:

Legal Description 001 of 01

13.260 AC

Occupancy: VACANT Year Built:  
 Dwl Type: MH/Type: / Year Rmld:  
 Use/Class: /SNGL FAM RES - SUBURBAN Year Eff: 1999  
 Year Assd: 2012 Condition:  
 Zoning: On Site Date: (RK ) 5/19/2011  
 Dist: 03 LEIGH Review Date: ( )

Deed Bk/Pg: 275/1640  
 Acreage: 13.260  
 Land Use:  
 Total Mineral:  
 Total Land: 45200  
 Total Imp:  
 Total Value: 45200

Improvement Description							
Exterior		Interior		Site			
				STREET-PAVED			
Land Valuation							
M Cls	Desc	Size	Dpth	Rate	FV/Pct	Value	
A 1	BUILDING S Q	1.000		14500.00		14500	
A 21	WOODLAND BMD F	12.260		2500.00		30650	
Total Land Value		13.260				45200	
Comments							
ROUTE 644-CUTDAVER							
Total Property Value							45200

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		45200	45200	%
Improvements				
Total		45200	45200	%
Average Price Per Acre		3405		
Sale Date/Amount		8/21/2006 54000		

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 7 1G PEMBELTON INVESTMENTS LC  
 Acct #: 000011710-001 402 DAVIS MILL RD  
 Address: BLACKSTONE VA 23824  
 City/St:

Legal Description 001 of 01  
 FR 6-6  
 JACKJAL  
 40.300 AC

Occupancy: Year Built:  
 Dwl Type: Year Rmld:  
 Use/Class: /AGRICULTURAL- 20-100 AC MH/Type: /  
 Year Assd: Year Effrt:  
 Zoning: Condition:  
 Dist: 03 LEIGH On Site Date: (BTP) 11/01/2011  
 Review Date: (BTP) 10/01/2011

Deed Bk/Pg: 2011/ 642  
 Acreage: 40.300  
 Land Use:  
 Total Mineral:  
 Total Land: 97000  
 Total Imp:  
 Total Value: 97000

----- Improvement Description -----  
 Exterior Interior Site  
 STREET-PAVED

Land Valuation							
M	Cls	Desc	G	Size	Dpth	Rate	FV/Pct Value
A	21	WOODLAND	D	39.300		1800.00	70740
A	96	MIXED-TIME	A	39.300		300.00	11790
A	1	BUILDING S Q		1.000		14500.00	14500
Total Land Value				40.300			97000

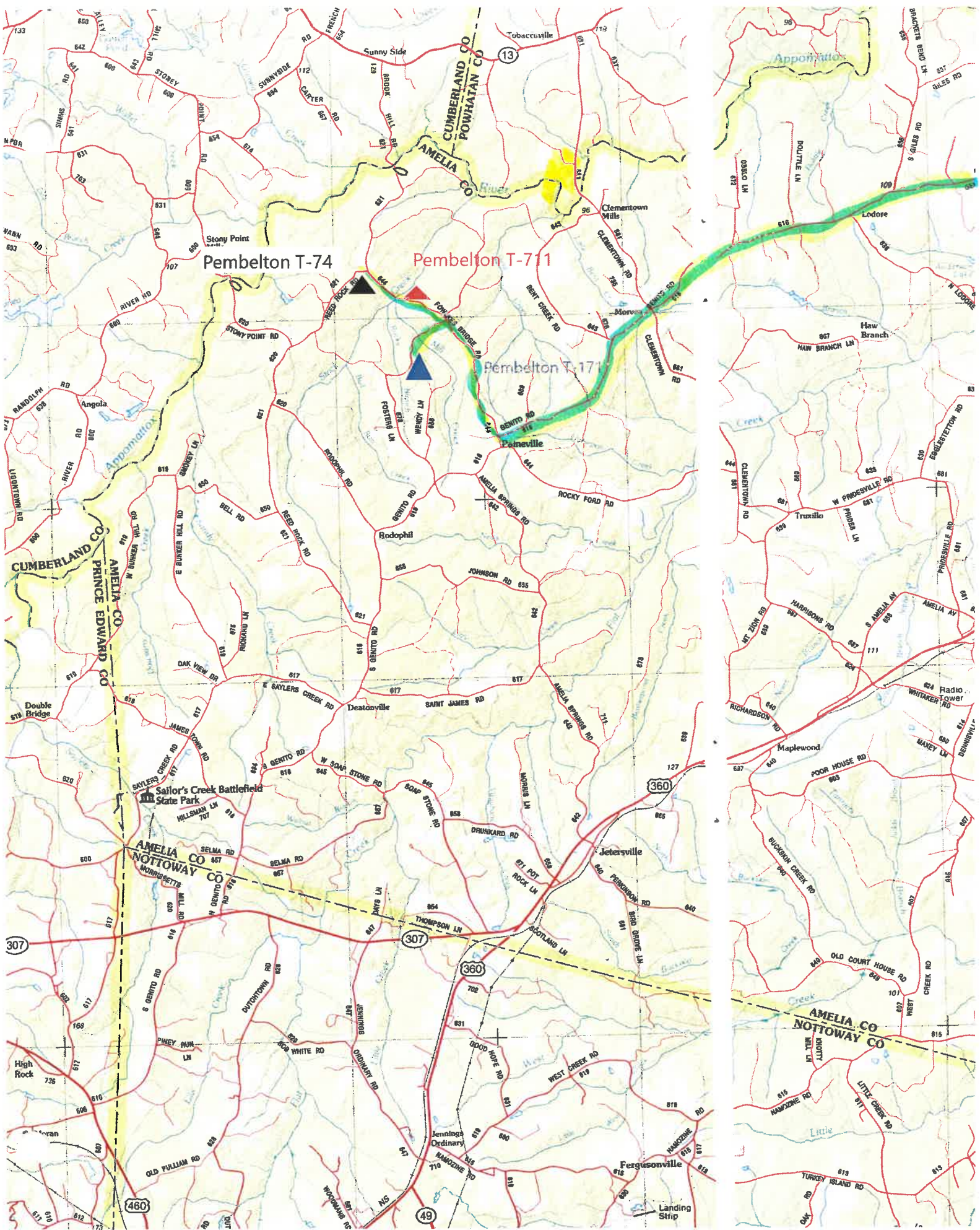
----- Comments -----  
 NOT MAPPED AS OF 11/01/2011 EST PAVED RD

-----  
 Total Property Value 97000

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		97000	60500	60%
Improvements				
Total		97000	60500	60%
Average Price Per Acre			2115	

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Road Map

711

7/6/20

7-29-20

# VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

## PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 8/24/18 between VA Outdoors Foundation referred to here as "Landowner", and Nutri-Blend Inc., referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

### Landowner:

The Landowner is the owner of record of the real property located in Amelia, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
7-1-1 ✓	7-1-6 ✓	7-2A ✓	17-1G East-Enterpr ✓
7-1-2 ✓	7-1-7 ✓	7-4 ✓	37-34B ✓
7-1-3 ✓	7-11-88 y	7-4B ✓	37-35 ✓
7-1-4 ✓	7-51 ✓	7-4A ✓	17-4C ✓
7-1-5 ✓	7-1G ✓	17-1 ✓	

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.  
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

### Class B biosolids

☒ Yes ☐ No

### Water treatment residuals

☐ Yes ☒ No

### Food processing waste

☐ Yes ☒ No

### Other industrial sludges

☐ Yes ☒ No

Pemberton Investments LC  
VA Outdoors Foundation

Landowner - Printed Name, Title

Signature

Mailing Address

PO Box 559, Amelia VA

23002

### Permittee:

Nutri-Blend Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Nutri-Blend Inc

Permittee - Authorized Representative  
Printed Name

Signature

Nutri-Blend, Inc.

P. O. Box 38060

Henrico, VA 23231

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Nutri-Blend Inc. County or City: Richmond, VA  
Landowner: Pembelton Investments LC  
VA Outdoors Foundation

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

  
Landowner's Signature 8/24/18  
Date

Ronnie Pembelton

Operator's Name

804-314-6444

Contact Number

7-29-20

## VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

**Landowner Coordination Form**

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A *Land Application Agreement - Biosolids and Industrial Residuals* form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: Nutri-Blend  
 County or City: Amelia

Please Print

(Signatures not required on this page)

<u>Tax Parcel ID(s)</u>	<u>Landowner(s)</u>
7-1-1	Pemberton Investments LC VA Outdoors Foundation
7-1-2	"
7-1-3	"
7-1-4	"
7-1-5	"
7-1-6	"
7-1-7	"
7-1-8	"
7-SI	"
7-1G	"
7-2A	"
7-4	"
7-4B	"
7-4A	Transferred to F+P Enterprises
17-1	Pemberton Investments LC VA Outdoors Foundation
17-1G	Transferred to F+P Enterprises
37-34B	Pemberton Investments LC VA Outdoors Foundation
37-35	"
17-4C	"

↑ updated  
7-29-20

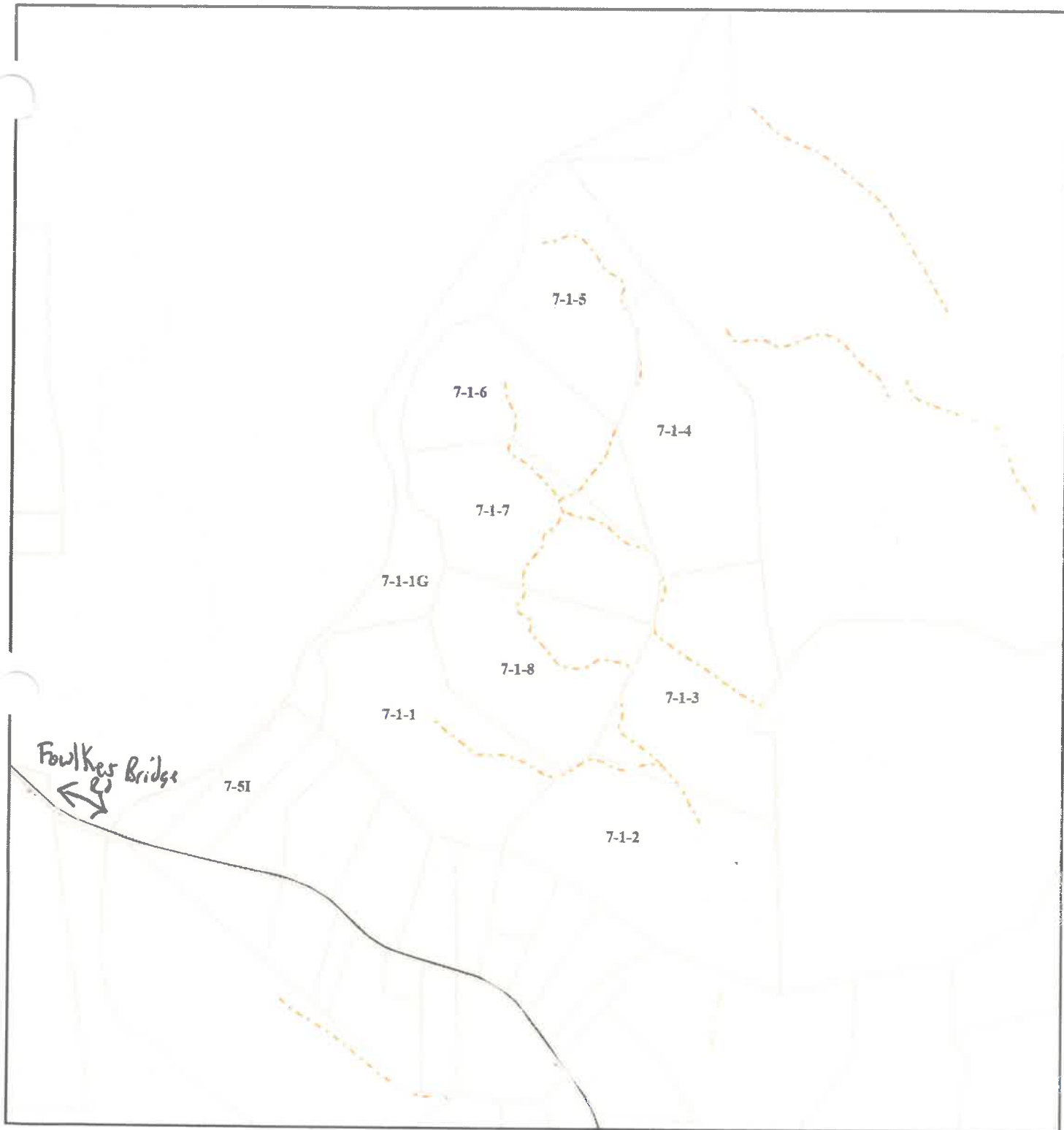


Road Map

updated

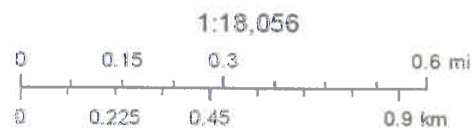


7/6/20



March 23, 2018

Tax Map

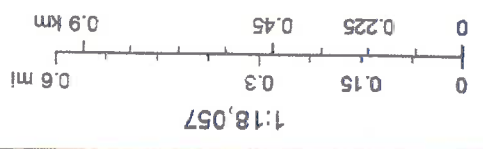




December 17, 2017

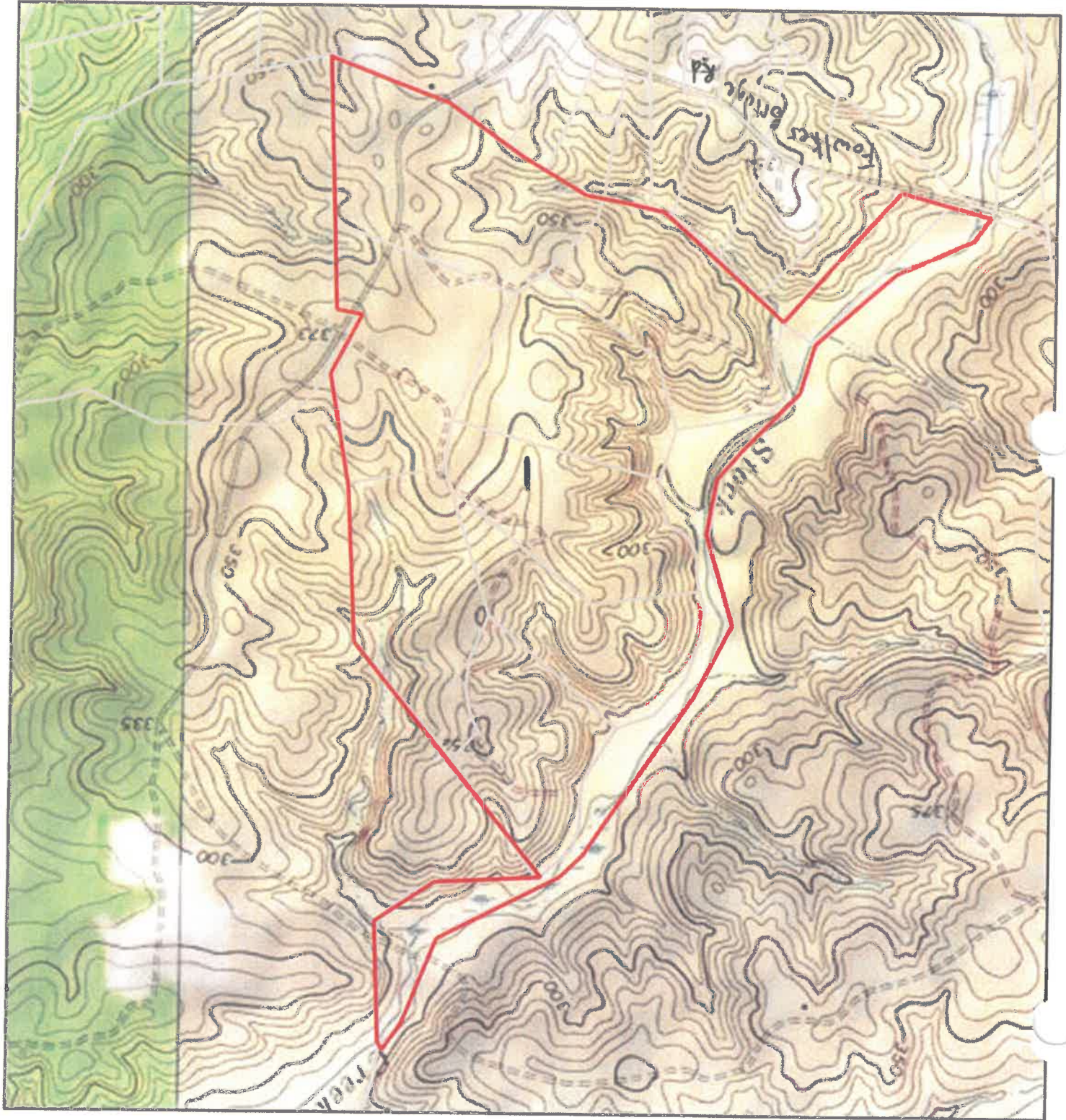
T-711

Topo Map

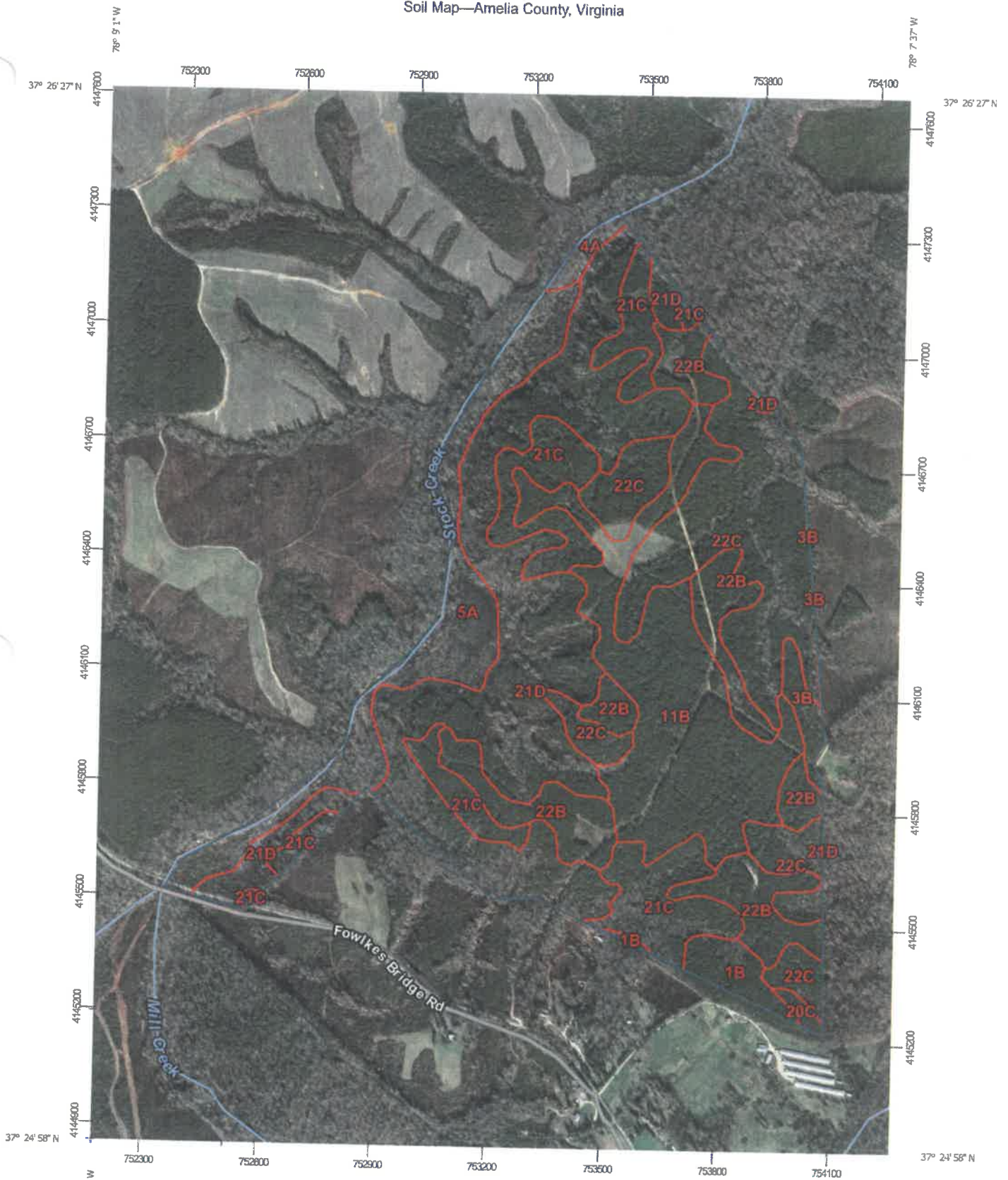


1:18,057

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# Soil Map—Amelia County, Virginia



Map Scale: 1:13,400 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

Soil Map



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

3/23/2018  
Page 1 of 3

## MAP LEGEND

<b>Area of Interest (AOI)</b>		Spoil Area
Area of Interest (AOI)		Stony Spot
<b>Soils</b>		Very Stony Spot
Soil Map Unit Polygons		Wet Spot
Soil Map Unit Lines		Other
Soil Map Unit Points		Special Line Features
<b>Special Point Features</b>		<b>Water Features</b>
Blowout		Streams and Canals
Borrow Pit		<b>Transportation</b>
Clay Spot		Rails
Closed Depression		Interstate Highways
Gravel Pit		US Routes
Gravelly Spot		Major Roads
Landfill		Local Roads
Lava Flow		<b>Background</b>
Marsh or swamp		Aerial Photography
Mine or Quarry		
Miscellaneous Water		
Perennial Water		
Rock Outcrop		
Saline Spot		
Sandy Spot		
Severely Eroded Spot		
Sinkhole		
Slide or Slip		
Soddy Spot		

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the barscale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia  
Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

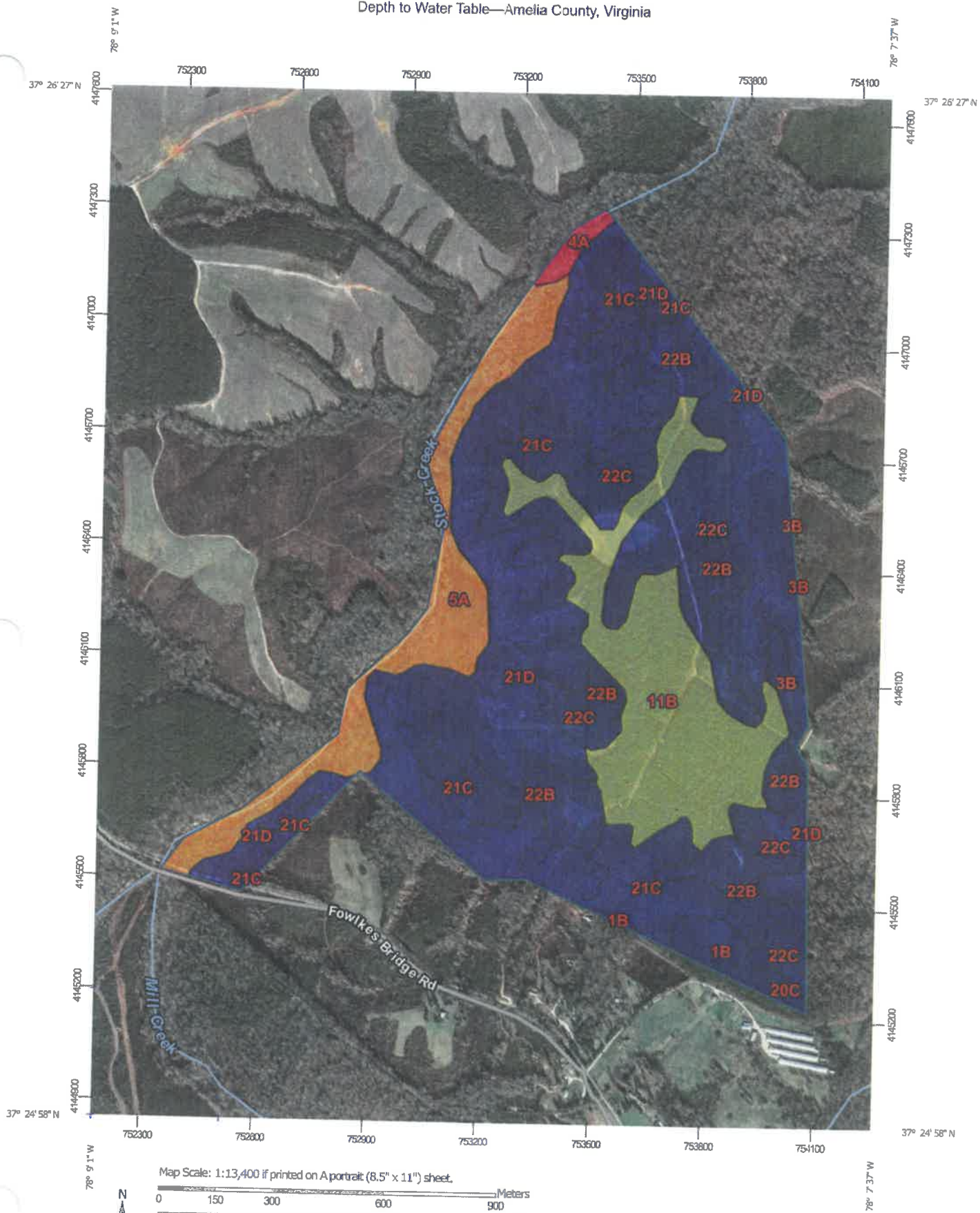
Date(s) aerial images were photographed: Apr 22, 2015–Mar 5, 2017

The orthophoto or the base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	7.8	1.8%
3B	Cecil fine sandy loam, 2 to 7 percent slopes	4.9	1.1%
4A	Chastain silty clay loam, 0 to 1 percent slopes, frequently flooded	3.2	0.7%
5A	Chewacla silt loam, 0 to 2 percent slopes, frequently flooded	42.3	9.7%
11B	Helena fine sandy loam, 2 to 7 percent slopes	72.6	16.6%
20C	Wedowee sandy loam, 7 to 15 percent slopes	1.5	0.3%
21C	Wedowee-Poindexter complex, 7 to 15 percent slopes	52.3	11.9%
21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	121.0	27.6%
22B	Winnsboro sandy loam, 2 to 7 percent slopes	50.3	11.5%
22C	Winnsboro sandy loam, 7 to 15 percent slopes	82.1	18.7%
<b>Totals for Area of Interest</b>		<b>438.2</b>	<b>100.0%</b>

# Depth to Water Table—Amelia County, Virginia



Map Scale: 1:13,400 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

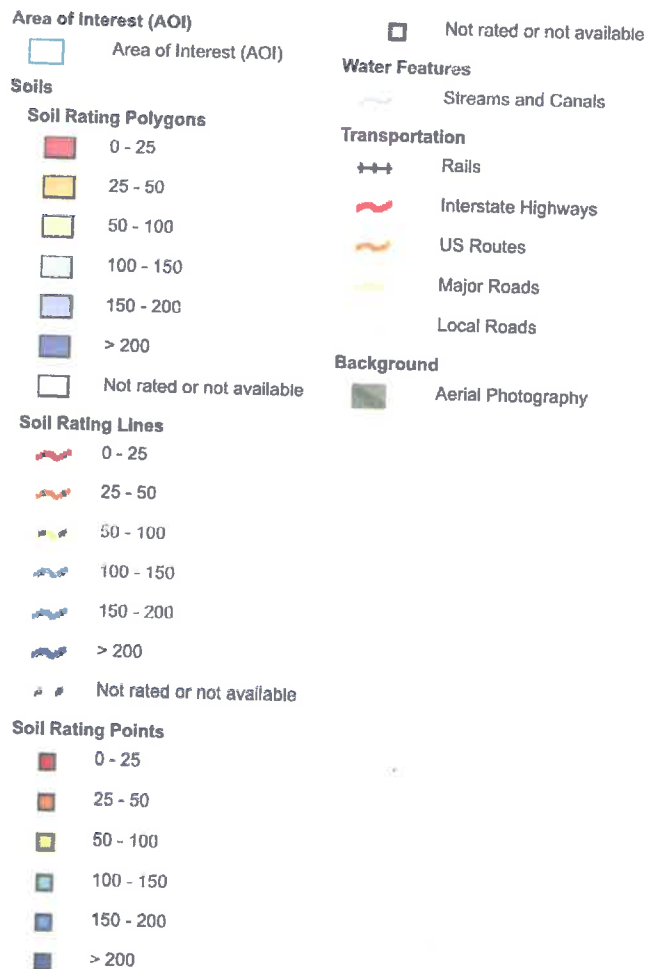


Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

3/23/2018  
Page 1 of 4

## MAP LEGEND



## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia  
Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	>200	7.8	1.8%
3B	Cecil fine sandy loam, 2 to 7 percent slopes	>200	4.9	1.1%
4A	Chastain silty clay loam, 0 to 1 percent slopes, frequently flooded	15	3.2	0.7%
5A	Chewaclay silt loam, 0 to 2 percent slopes, frequently flooded	31	42.3	9.7%
11B	Helena fine sandy loam, 2 to 7 percent slopes	61	72.6	16.6%
20C	Wedowee sandy loam, 7 to 15 percent slopes	>200	1.5	0.3%
21C	Wedowee-Poindexter complex, 7 to 15 percent slopes	>200	52.3	11.9%
21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	>200	121.0	27.6%
22B	Windsboro sandy loam, 2 to 7 percent slopes	>200	50.3	11.5%
22C	Windsboro sandy loam, 7 to 15 percent slopes	>200	82.1	18.7%
Totals for Area of Interest			438.2	100.0%

## Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

## Rating Options

*Units of Measure:* centimeters

*Aggregation Method:* Dominant Component

**Pembelton  
Tract T-711  
Field Data Sheet**

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
711-1	438.0	37.4257	-78.1361	Silvicultural
<b>SUM</b>	<b>438.0</b>			

\*All Latitude/Longitude Points were obtained through Google Earth

2635



**Print this Property Card**

Cary / Ronnie's House



[Return to Search Results](#)

Property Identification	Run Dt:	7/27/2017	Owner Name/Address	Legal Description
Map #: 26 35A			PEMBELTON RONALD L ETUX	001 of 02
Acct #: 000002173-001			PEMBELTON JANET G	
Address: 026100 E SAYLERS CREEK RD			VIRGINIA OUTDOORS FOUNDATION	22.692 AC
City/St: JETERSVILLE, VA 23063			P O BOX 559	
Occupancy: DWELLING			AMELIA COURT HOUSE VA 23002	Inst#: 2016 0001524
Dwl Type: SING FAMLY	MH/Type: /		Year Built: 2016	Acreege: 22.692
Use/Class: /AGRICULTURAL- 20-100 AC			Year Rmld:	Land Use:
Year Assd: 2012			Year Effct: 2016	Total Mineral:
Zoning:			Condition: GOOD	Total Land: 28300
Dist: 03 LEIGH			On Site Date: (RCW) 6/06/2017	Total Imp: 365200
			Review Date: ( )	Total Value: 393500

----- Improvement Description -----

Exterior	Interior	Site
EXTR-BR VENEER	NO. ROOMS - 10	STREET-PAVED
FNDT-BRICK	NO. BEDROOMS - 3	UTIL-WELL
RFMT-COMP SHGLS	NO. BATHS - 2	UTIL-SEPTIC
ROOF-GABLE	NO. 1/2 BATHS - 1	
	FLOO-CARPET	
	FLOO-HARDWOOD	
	FLOO-TILE/CERAMIC	
	WALL-DRY WALL	

```

      +---23---+
      6PTD      8
+---21---+---23---+
:         :         :
18        18        13
:         :         :
: DVL      : OMP      +---28---+
:         :         : DVL

```

----- Dwelling Valuation -----

Item	Size	Rate	Value
SINGLE FAM	2048	67.67	138584
CENT-MEAT	3221	1.50	4833
CENT-AC	3221	1.50	4833
BATH-FULL	2	3000.00	6000
BATH-HALF	1	1950.00	1950
SINGLE FAM	378	67.67	25575
PRCH-OP MA	414	18.00	7452
GARAGE FIN	1120	21.00	23520
PRCH-OP MA	158	18.00	2844
PATIO	184	2.50	460
SINGLE FAM	795	67.67	53792

12	11	10	9	8	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	
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Grade Factor (B+10)  
Replacement Cost New  
Total Bldg. Value

1.35	Sec	Type	Str	Description	Area
364365	DWL	SINGLE FAM	1.00	N19E6N12E14E21E23	2048
364400				S31W16S4W13N2W7S2	
				W1W12N4W3S2W9N2W3	

----- Other Improvements Valuation -----

Desc	Length	Width	Size	Grade	Rate	FV/Pct Value
FENCE-CL	1.0	1.0	1			800
Total Imp Value						800

DWL SINGLE FAM	1.00	N18E21S18W21	378
OMP PRCH-OP MA	1.00	N18E23S135W23	414
GF GARAGE FIN	1.00	N31N5E26S40W20N4	1120
OMP PRCH-OP MA	1.00	S6W12S27W9N6E1N2E7	158

----- Land Valuation -----

M	Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
---	-----	------	---	------	------	------	--------	-------

PTO	PATIO	1.00	N8E23S8W23	184
DWL	SINGLE FAM	.71	S40W28N4N31N5E28	795



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Every Reasonable Effort has been made to assure the Accuracy of these maps and associated data. Amelia County, Virginia and Pearson Appraisal Assume no liability arising from use of these Values or Data contained on this website. The values and property data is provided without warranty.

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CARY

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 26 35B RLP INVESTMENTS LC  
 Acct #: 000011928-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: P O BOX 559  
 City/St: AMELIA COURT HOUSE VA 23002

Legal Description 001 of 01  
 FR 26-35A

191.308 AC

Occupancy: Year Built:  
 Dwl Type: MH/Type: / Year Rmld:  
 Use/Class: /AGR.- 100 AC OR MORE Year Eff: 1999  
 Year Assd: Condition:  
 Zoning: On Site Date: (AP )  
 Dist: 03 LEIGH Review Date: ( )

Inst#: 2014 0001499  
 Acreage: 191.308  
 Land Use:  
 Total Mineral:  
 Total Land: 93600  
 Total Imp:  
 Total Value: 93600

Land Valuation							
M	Cls	Desc	G	Size	Dpth	Rate	FV/Pct Value
A	20	WOODLAND	Y	173.068		520.00	89995
A	42	WASTELAND-	A	18.240		200.00	3648
Total Land Value				191.308			93600
Total Property Value							93600

Sec	Type	Str	Description	Area
			Cur. Value	Prev. Value %Chg.
			Land	93600
			Improvements	
			Total	93600
			Average Price Per Acre	489
			Sale Date/Amount	10/30/2014

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P.C. B-1

SANDY CREEK

33A

35A  
5-102

32A  
C-115f

**34B**  
**255-683**

34

34A  
67-404

35

126-234

57

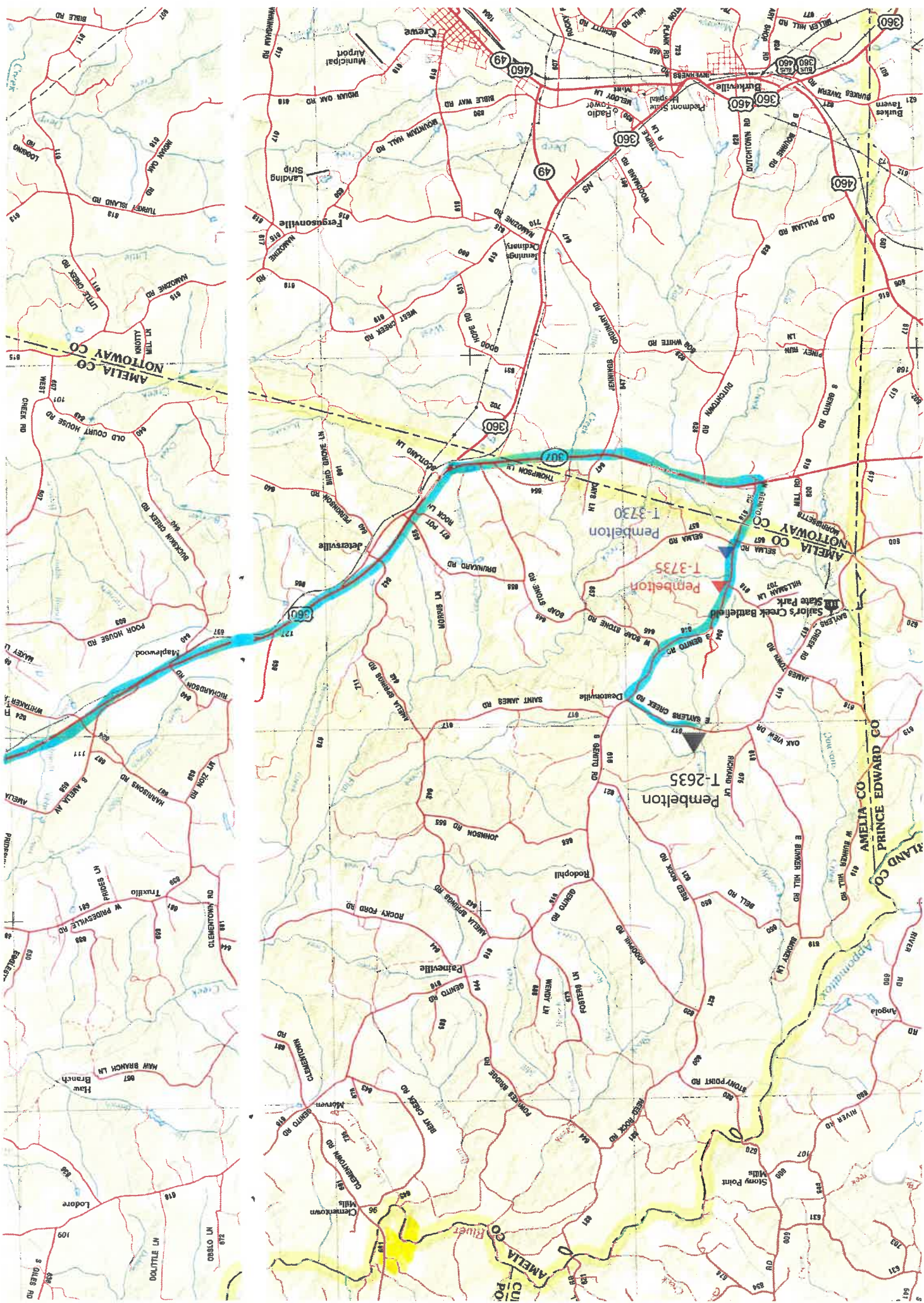
April 16, 2018

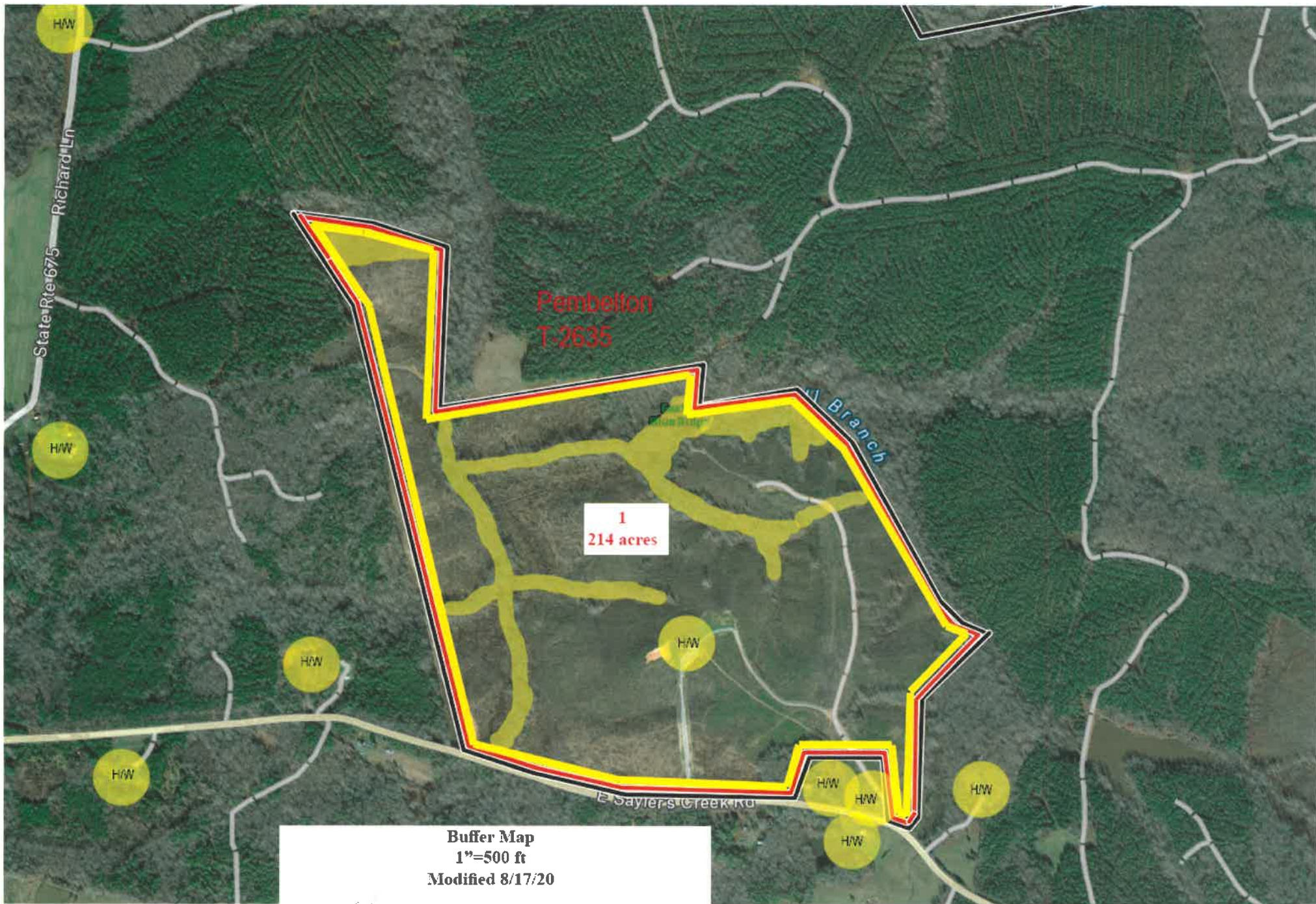
## Tax Map

1:9,028

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

8-20-20  
Rd Map  
Ab35  
7/10/20



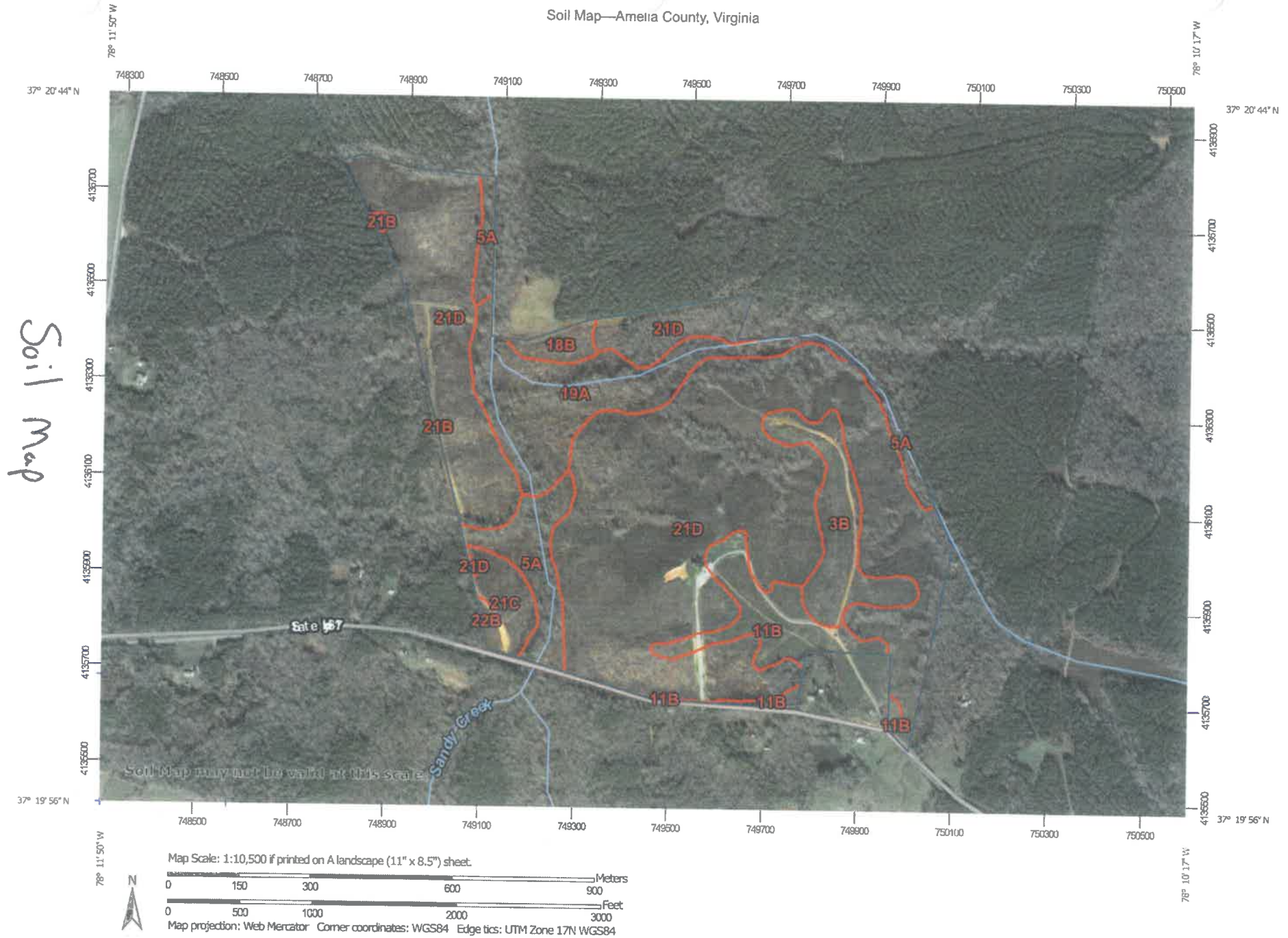


Reid  
8-20-20



Topo Map

# Soil Map—Amelia County, Virginia







































Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

4/16/2018  
Page 1 of 3

## MAP LEGEND

<b>Area of Interest (AOI)</b>			Area of Interest (AOI)		Spoil Area
<b>Soils</b>			Soil Map Unit Polygons		Stony Spot
			Soil Map Unit Lines		Very Stony Spot
			Soil Map Unit Points		Wet Spot
<b>Special Point Features</b>					Other
			Blowout		Special Line Features
			Borrow Pit	<b>Water Features</b>	
			Clay Spot		Streams and Canals
			Closed Depression	<b>Transportation</b>	
			Gravel Pit		Rails
			Gravelly Spot		Interstate Highways
			Landfill		US Routes
			Lava Flow		Major Roads
			Marsh or swamp		Local Roads
			Mine or Quarry	<b>Background</b>	
			Miscellaneous Water		Aerial Photography
			Perennial Water		
			Rock Outcrop		
			Saline Spot		
			Sandy Spot		
			Severely Eroded Spot		
			Sinkhole		
			Slide or Slip		
			Sodic Spot		

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia  
Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

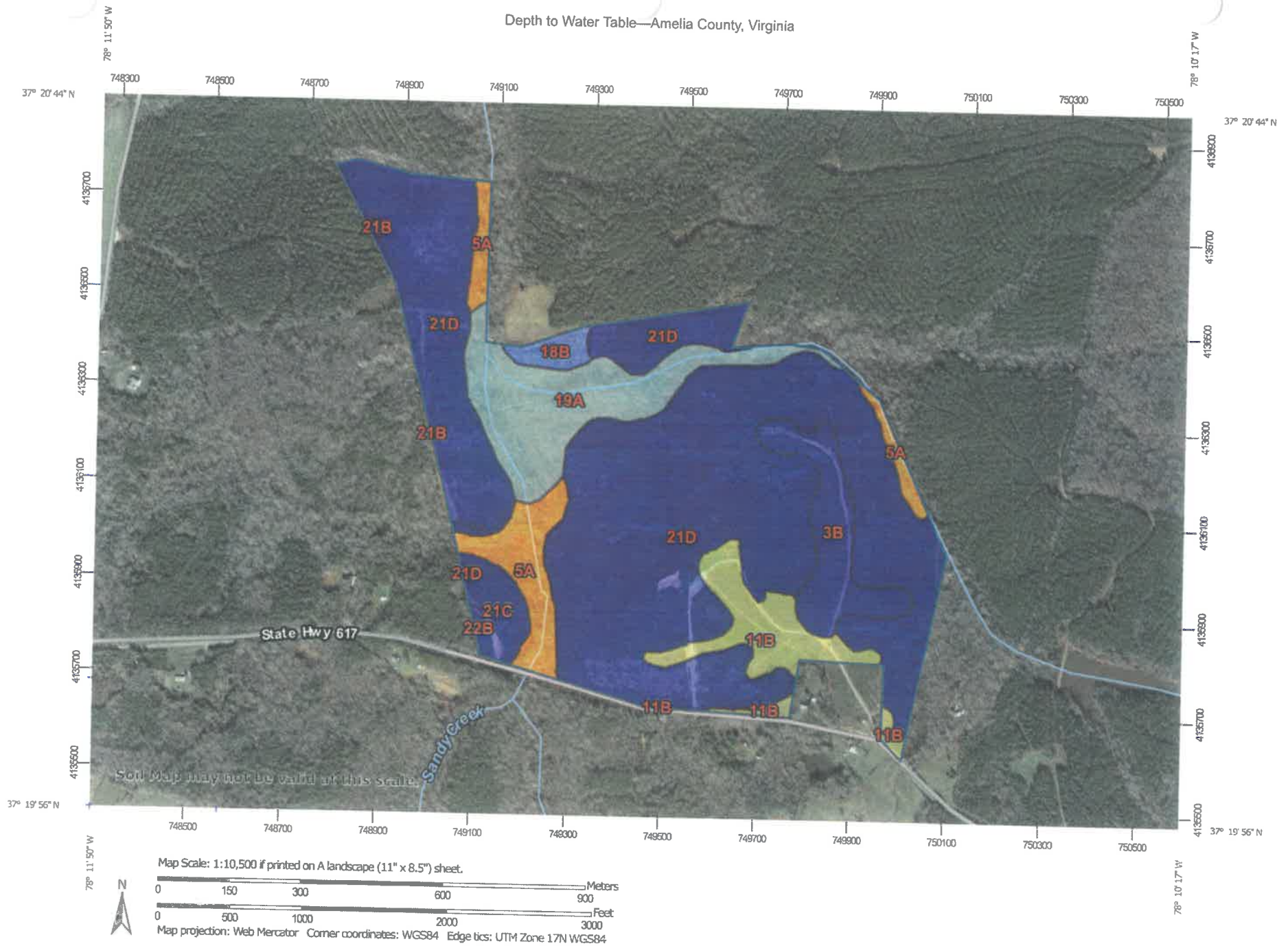
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
3B	Cecil fine sandy loam, 2 to 7 percent slopes	12.2	6.1%
5A	Chewacla silt loam, 0 to 2 percent slopes, frequently flooded	12.9	6.4%
11B	Helena fine sandy loam, 2 to 7 percent slopes	12.6	6.3%
18B	State fine sandy loam, 2 to 6 percent slopes, rarely flooded	2.6	1.3%
19A	Toccoa fine sandy loam, 0 to 2 percent slopes, frequently flooded	22.4	11.1%
21B	Wedowee-Poindexter complex, 2 to 7 percent slopes	0.3	0.2%
21C	Wedowee-Poindexter complex, 7 to 15 percent slopes	5.1	2.5%
21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	133.0	66.0%
22B	Winnsboro sandy loam, 2 to 7 percent slopes	0.3	0.2%
<b>Totals for Area of Interest</b>		<b>201.4</b>	<b>100.0%</b>

# Depth to Water Table—Amelia County, Virginia



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

4/16/2018  
Page 1 of 4

## MAP LEGEND



## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia  
Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
3B	Cecil fine sandy loam, 2 to 7 percent slopes	>200	12.2	6.1%
5A	Chewacla silt loam, 0 to 2 percent slopes, frequently flooded	31	12.9	6.4%
11B	Helena fine sandy loam, 2 to 7 percent slopes	61	12.6	6.3%
18B	State fine sandy loam, 2 to 6 percent slopes, rarely flooded	153	2.6	1.3%
19A	Toccoa fine sandy loam, 0 to 2 percent slopes, frequently flooded	114	22.4	11.1%
21B	Wedowee-Poindexter complex, 2 to 7 percent slopes	>200	0.3	0.2%
21C	Wedowee-Poindexter complex, 7 to 15 percent slopes	>200	5.1	2.5%
21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	>200	133.0	66.0%
22B	Winnsboro sandy loam, 2 to 7 percent slopes	>200	0.3	0.2%
<b>Totals for Area of Interest</b>			<b>201.4</b>	<b>100.0%</b>

## Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

## Rating Options

*Units of Measure:* centimeters

*Aggregation Method:* Dominant Component

*Component Percent Cutoff: None Specified*

*Tie-break Rule: Lower*

*Interpret Nulls as Zero: No*

*Beginning Month: January*

*Ending Month: December*


**Pembelton  
Tract T-2635  
Field Data Sheet**

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
2635-1	214.0	37.3382	-78.1841	Silvicultural
<b>SUM</b>	<b>214.0</b>			

\*All Latitude/Longitude Points were obtained through Google Earth

2646  
2649

Burton

 [Return to Search Results](#) **Print this Property Card**

Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 26 46 PEMBELTON FOREST PRODUCTS INC  
 Acct #: 000002305-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Legal Description 001 of 01

139.559 AC

Occupancy: OTHER  
 Dwl Type: MH/Type: /  
 Use/Class: /AGR.- 100 AC OR MORE  
 Year Assd: 2012  
 Zoning:  
 Dist: 03 LEIGH  
 Year Built:  
 Year Rmld:  
 Year Efflt: 1999  
 Condition:  
 On Site Date: (AP ) 5/02/2011  
 Review Date: ( )

Inst#: 2015 0001529  
 Acreage: 139.559  
 Land Use:  
 Total Mineral:  
 Total Land: 70700  
 Total Imp: 500  
 Total Value: 71200


----- Improvement Description -----  
 Exterior Interior Site  
 STREET-PAVED  
 WOOD-WOOD

----- Other Improvements Valuation -----  
 Desc Length Width Size Grade Rate FV/Pct Value  
 SHED 500  
 Total Imp Value 500

----- Land Valuation -----  
 M Cls Desc G Size Dpth Rate FV/Pct Value  
 A 12 OPEN LAND A 52.000 520.00 27040  
 A 20 WOODLAND Y 81.559 520.00 42410  
 A 42 WASTELAND- A 6.000 200.00 1200  
 Total Land Value 139.559 70700

----- Comments -----  
 ROUTE 621  
 2007 WILL OF IRENE BURTON  
 -----  
 Total Property Value 71200

Sec	Type	Str	Description	Area
			Cur. Value	Prev. Value
Land			70700	228200
Improvements			500	500
Total			71200	228700
Average Price Per Acre			506	
Sale Date/Amount			10/29/2015	

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Every Reasonable Effort has been made to assure the Accuracy of these maps and associated data. Amelia County, Virginia and Pearson Appraisal Assume no liability arising from use of these Values or Data contained on this website. The values and property data is provided without warranty

Burton

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 26 48A PEMBELTON FOREST PRODUCTS INC  
 Acct #: 000003807-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: 402 DAVIS MILL RD  
 City/St: BLACKSTONE VA 23824

Legal Description 001 of 01

0.400 AC

Occupancy: VACANT Year Built:  
 Dwl Type: MH/Type: / Year Rmld:  
 Use/Class: /SINGL FAM RES - SUBURBAN Year Efflt: 1999  
 Year Assd: 2012 Condition:  
 Zoning: On Site Date: (AP) 5/02/2011  
 Dist: 03 LEIGH Review Date: ( )

Inst#: 2015 0001529  
 Acreage: .400  
 Land Use:  
 Total Mineral:  
 Total Land: 100  
 Total Imp:  
 Total Value: 100

Exterior		Improvement Description		Interior		Site	
STREET-OFF ROAD							
M Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A	21 WOODLAND	U	.400		250.00		100
Total Land Value							100

Comments  
 OFF ROUTE 621  
 2007 WILL OF IRENE BURTON  
 Total Property Value 100

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		100	1200	( 92%)
Improvements				
Total		100	1200	( 92%)
Average Price Per Acre			250	
Sale Date/Amount		10/29/2015		

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[Print this Property Card](#)*Burton*[Return to Search Results](#)

Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 26 49H PEMBELTON FOREST PRODUCTS INC  
 Acct #: 000003889-001 402 DAVIS MILL RD  
 Address: BLACKSTONE VA 23824  
 City/St:

Legal Description 001 of 01

Occupancy: VACANT

Dwl Type:

MH/Type: /

Year Built:

Use/Class: /AGRICULTURAL- 20-100 AC

Year Rmld:

Year Assd: 2012

Year Effct:

1999

Zoning:

Condition:

Dist: 03 LEIGH

On Site Date: (AP ) 5/02/2011

Review Date: ( )

Improvement Description		Site
Exterior	Interior	STREET-OFF ROAD
Land Valuation		
M Cls	Desc	G Size Dpth Rate FV/Pct Value
A	12 OPEN LAND	A 29.040 2000.00 58080
Total Land Value		29.040 58100

Land Valuation		Comments
M Cls	Desc	G Size Dpth Rate FV/Pct Value
A	12 OPEN LAND	A 29.040 2000.00 58080
Total Land Value		29.040 58100

OFF ROUTE 621  
 2007 WILL OF IRENE BURTON

Total Property Value	
	58100

29.040 AC  
 2019-2022  
 Inst#: 2014 0000031  
 Acreage: 29.040  
 Land Use: 13400  
 Total Mineral:  
 Total Land: 58100  
 Total Imp:  
 Total Value: 58100

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		58100	58100	%
Improvements				
Total		58100	58100	%
Average Price Per Acre		2000		
Sale Date/Amount		7/30/2014		

[Print this Property Card](#)[Return to Search Results](#)**Disclaimer**

Every Reasonable Effort has been made to assure the Accuracy of these maps and associated data. Amelia County, Virginia and Pearson Appraisal Assume no liability arising from use of these Values or Data contained on this website. The values and property data is provided without warranty

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 8/24/18 between ~~RLP Investments LC Virginia~~ Outdoor Foundation referred to here as "Landowner", and Nutri-Blend Inc., referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

*RIP Land and Timber*

**Landowner:**

The Landowner is the owner of record of the real property located in Amelia, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

**Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges**

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
26-46 ✓			
26-48 ✓			
26-49H ✓			
26-35B ✓			

*Burton RLP*  
*Wittig RLP*

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.  
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids    Water treatment residuals    Food processing waste    Other industrial sludges  
☒ Yes    ☐ No    ☐ Yes    ☒ No    ☐ Yes    ☒ No

~~RLP Investments LC Virginia~~

**Outdoor Foundation**

Landowner - Printed Name, Title

Signature

Mailing Address

*Po Box 559, Amelia VA 23002*

**Permittee:**

Nutri-Blend Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

**Nutri-Blend Inc.**

Permittee - Authorized Representative  
Printed Name

Signature

*William Burnett*

Nutri-Blend, Inc.  
P. O. Box 38060  
Henrico, VA 23231

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Nutri-Blend Inc. County or City: Richmond, VA  
Landowner: ~~RLP Investments LLC~~ F & P Land and Timber  
Virginia Outdoor Foundation

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.


I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

  
Landowner's Signature \_\_\_\_\_ Date 8/24/18  
Ronnie Pemberton 804-314-6444  
Operator's Name Contact Number

## Landowner Coordination Form

Permittee: F & P Land and Timber

County or City: Amelia

(Signatures not required on this page)

[illegible]

# FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

New LOA 7-29-20  
SB

## PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 2-1-16 between Pemberton Forest Products referred to here as "Landowner", and Nutri-Blend, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

### Landowner:

The Landowner is the owner of record of the real property located in Amelia, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>26-48A</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner is the sole owner of the properties identified herein.  
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids    Water treatment residuals    Food processing waste    Other industrial sludges  
☒ Yes    ☐ No    ☐ Yes    ☒ No    ☐ Yes    ☒ No

Ronald L. Pemberton  
Landowner - Printed Name, Title  
owner of Pemberton Forest Products

[Signature]  
Signature

P.O. Box 559  
Amelia, C.H. VA. 23002  
Mailing Address

### Permittee:

Nutri-Blend, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Bill Burnett  
Permittee - Authorized Representative  
Printed Name

[Signature]  
Signature

Nutri-Blend, Inc.  
PO Box 38060  
Henrico, VA 23231

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT**

Permittee: Nutri-Blend County or City: Amelia  
Landowner: Ronnie Pemberton Pemberton Forest Products

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

  
Landowner's Signature

2/1/16  
Date

## Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A *Land Application Agreement - Biosolids and Industrial Residuals* form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: Nutri-Blend Inc.

County or City: Amelia

Please Print

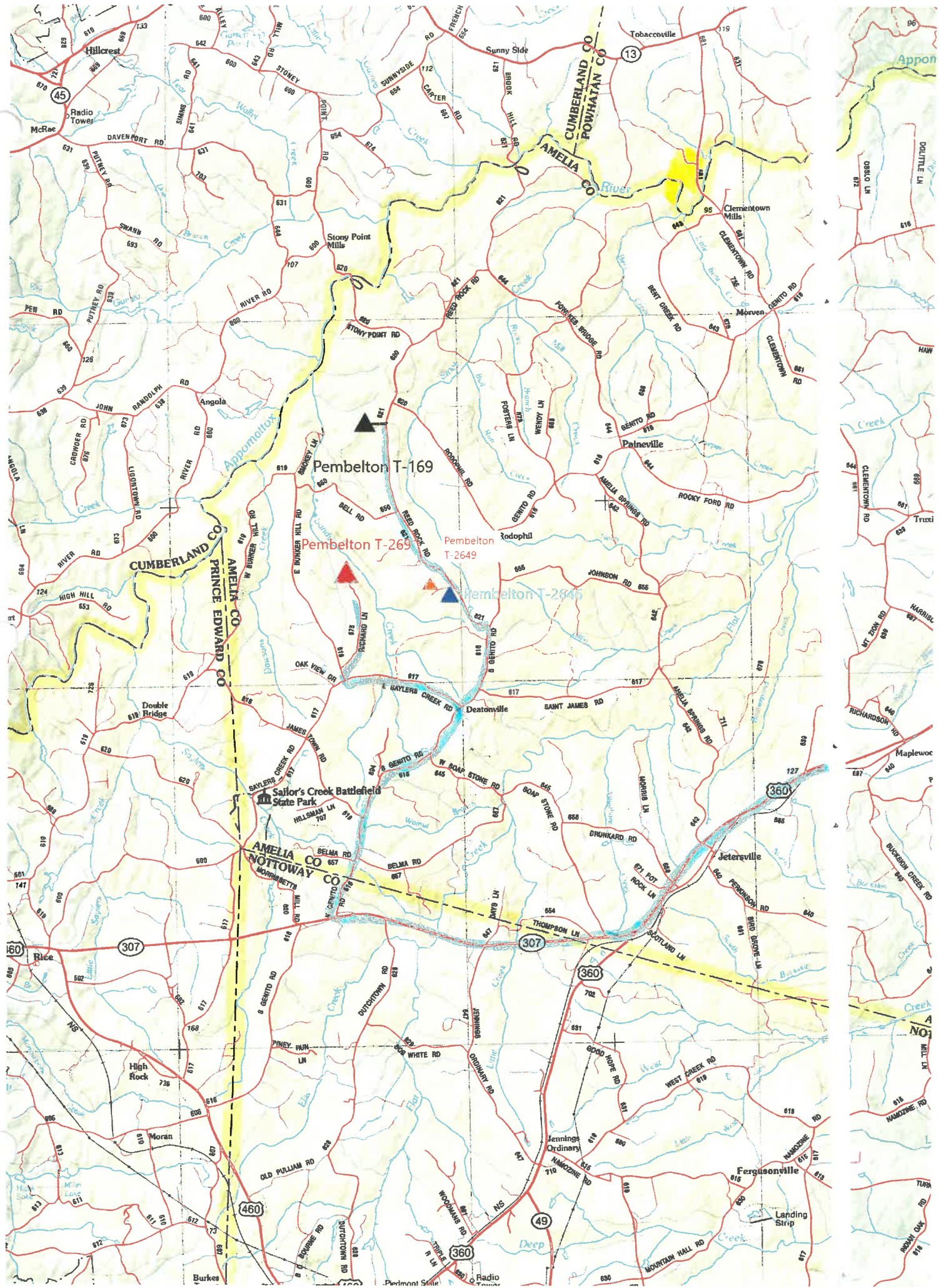
(Signatures not required on this page)

[illegible]





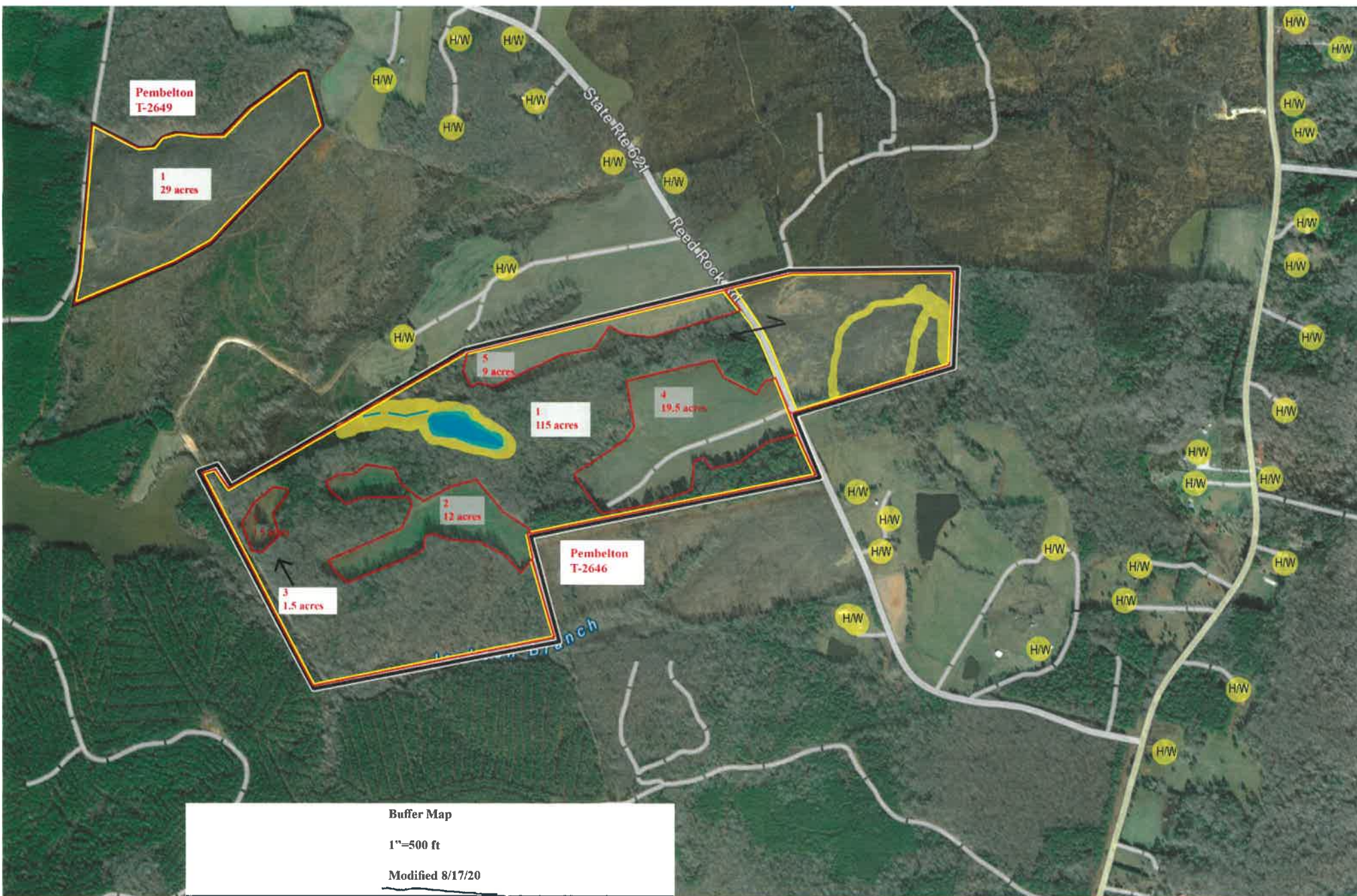
2646, 2649 8-20-20



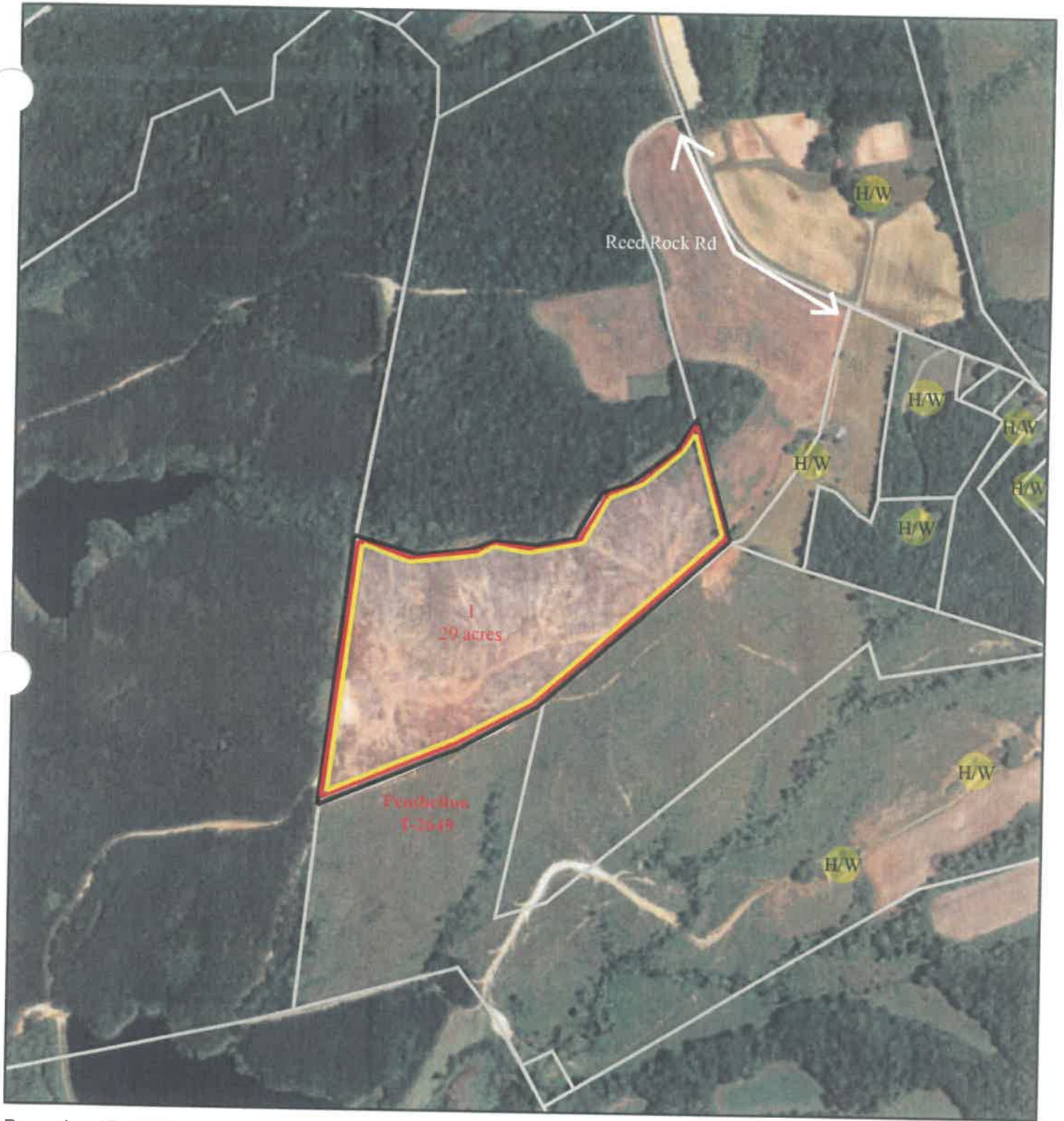


1" = 500 ft

Buffer Map



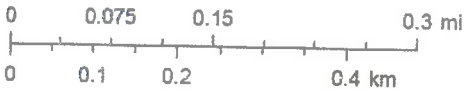
Rec'd 8-20-20



December 17, 2017

Buffer Map  
T-2649

1:9,028



7/13/20

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Pembelton  
T-2646

State Rte 621

Reed Rock Rd

New South

Topo Map



Red Rock Rd

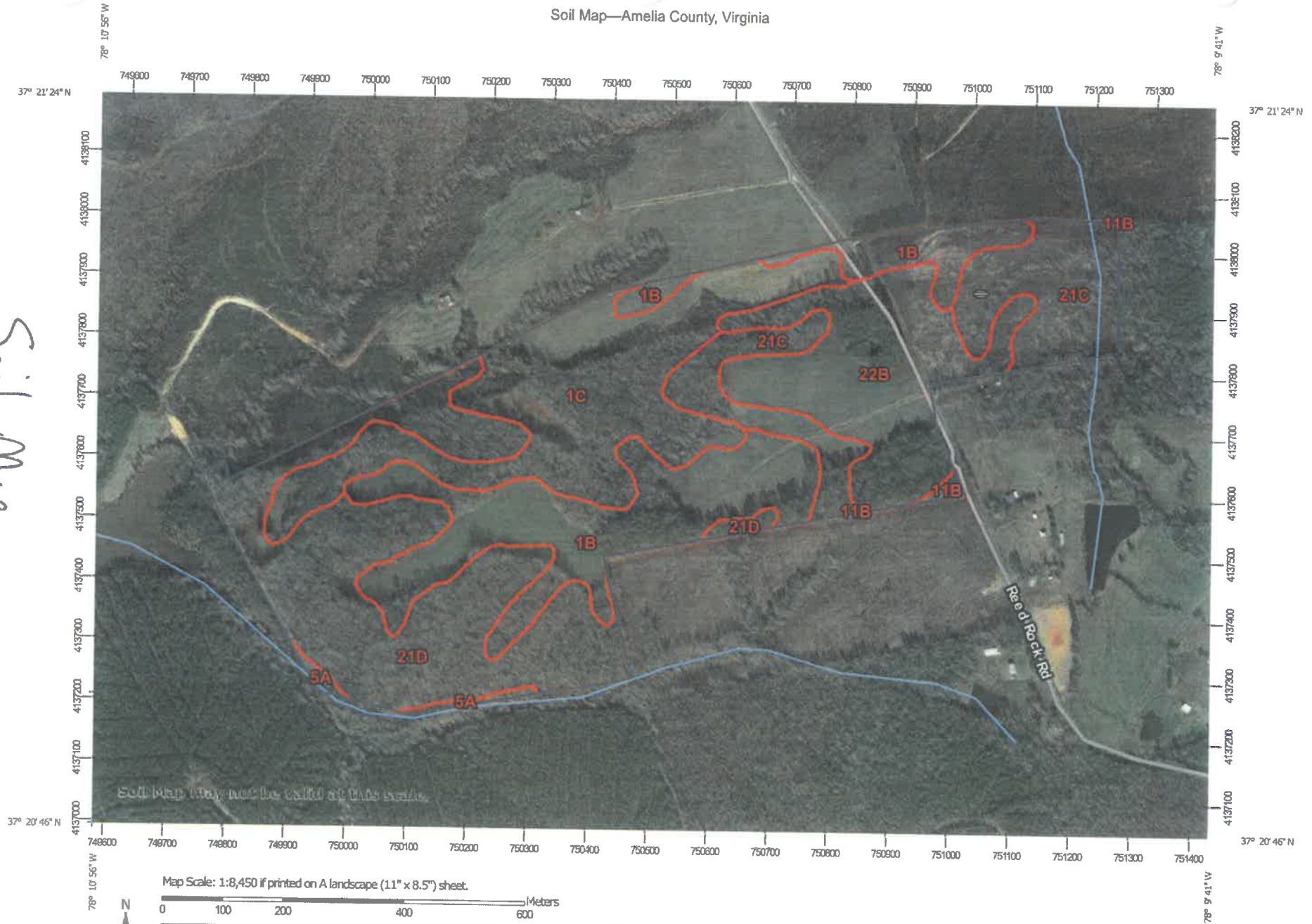
Pemberton  
T2649

Topo Map



# Soil Map—Amelia County, Virginia

Soil Map







































Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

4/10/2018  
Page 1 of 3

## MAP LEGEND

	Area of Interest (AOI)		Spoil Area
	Soils		Stony Spot
	Soil Map Unit Polygons		Very Stony Spot
	Soil Map Unit Lines		Wet Spot
	Soil Map Unit Points		Other
	Special Point Features		Special Line Features
	Blowout		Water Features
	Borrow Pit		Streams and Canals
	Clay Spot		Transportation
	Closed Depression		Rails
	Gravel Pit		Interstate Highways
	Gravelly Spot		US Routes
	Landfill		Major Roads
	Lava Flow		Local Roads
	Marsh or swamp		Background
	Mine or Quarry		Aerial Photography
	Miscellaneous Water		
	Perennial Water		
	Rock Outcrop		
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia  
Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

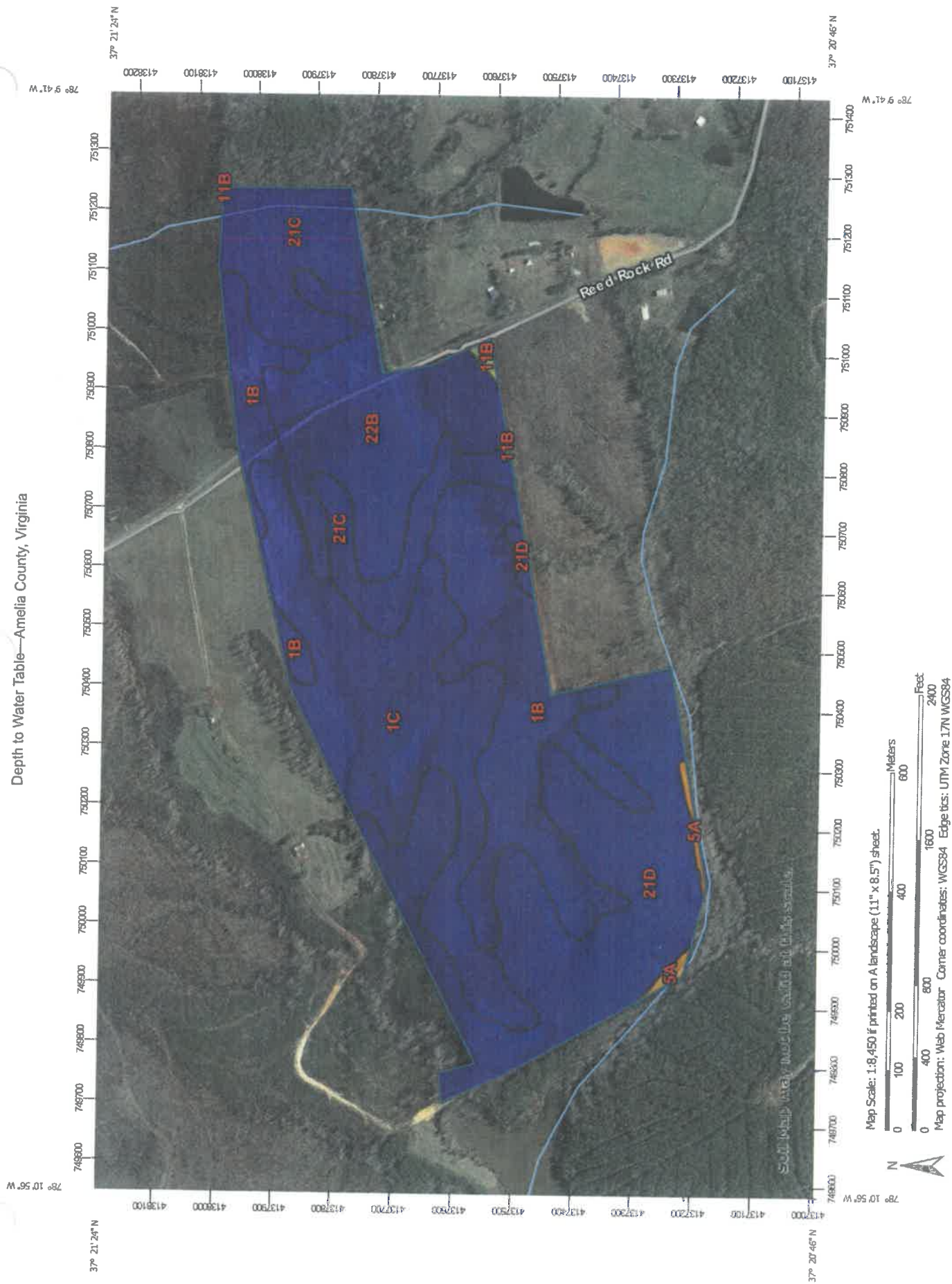
Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.






























## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	33.0	21.2%
1C	Appling fine sandy loam, 7 to 15 percent slopes	34.2	21.9%
5A	Chewada silt loam, 0 to 2 percent slopes, frequently flooded	1.1	0.7%
11B	Helena fine sandy loam, 2 to 7 percent slopes	0.5	0.3%
21C	Wetmore-Poindexter complex, 7 to 15 percent slopes	20.6	13.2%
21D	Wetmore-Poindexter complex, 15 to 25 percent slopes	42.0	26.9%
22B	Winnsboro sandy loam, 2 to 7 percent slopes	24.6	15.8%
Totals for Area of Interest		155.9	100.0%

# Depth to Water Table—Amelia County, Virginia



## MAP LEGEND

<b>Area of Interest (AOI)</b>	 Area of Interest (AOI)	 Not rated or not available
<b>Soils</b>		<b>Water Features</b>
<b>Soil Rating Polygons</b>		 Streams and Canals
 0 - 25		<b>Transportation</b>
 25 - 50		 Rails
 50 - 100		 Interstate Highways
 100 - 150		 US Routes
 150 - 200		 Major Roads
 > 200		 Local Roads
 Not rated or not available		<b>Background</b>
<b>Soil Rating Lines</b>		 Aerial Photography
 0 - 25		
 25 - 50		
 50 - 100		
 100 - 150		
 150 - 200		
 > 200		
 Not rated or not available		
<b>Soil Rating Points</b>		
 0 - 25		
 25 - 50		
 50 - 100		
 100 - 150		
 150 - 200		
 > 200		

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia  
Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	>200	33.0	21.2%
1C	Appling fine sandy loam, 7 to 15 percent slopes	>200	34.2	21.9%
5A	Chewacla silt loam, 0 to 2 percent slopes, frequently flooded	31	1.1	0.7%
11B	Helena fine sandy loam, 2 to 7 percent slopes	61	0.5	0.3%
21C	Wedowee-Poindexter complex, 7 to 15 percent slopes	>200	20.6	13.2%
21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	>200	42.0	26.9%
22B	Winnsboro sandy loam, 2 to 7 percent slopes	>200	24.6	15.8%
<b>Totals for Area of Interest</b>			<b>155.9</b>	<b>100.0%</b>

## Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

## Rating Options

*Units of Measure:* centimeters

*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

*Beginning Month:* January

*Ending Month:* December

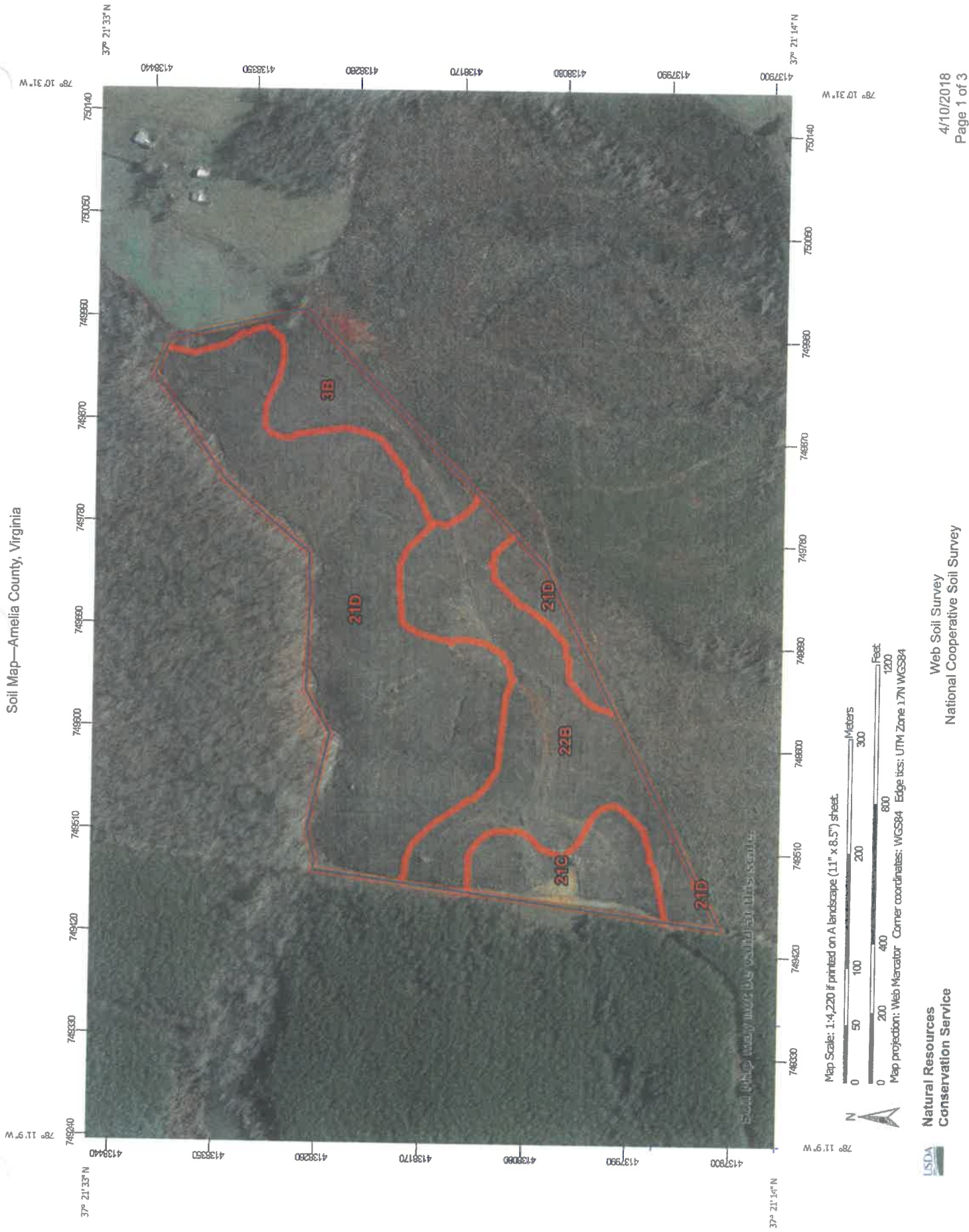
**Soil Map—Amelia County, Virginia**

Map Scale: 1:4,220 if printed on A landscape (11" x 8.5") sheet.  
 Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

4/10/2018  
Page 1 of 3



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84



Web Soil Survey  
National Cooperative Soil Survey

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia

Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

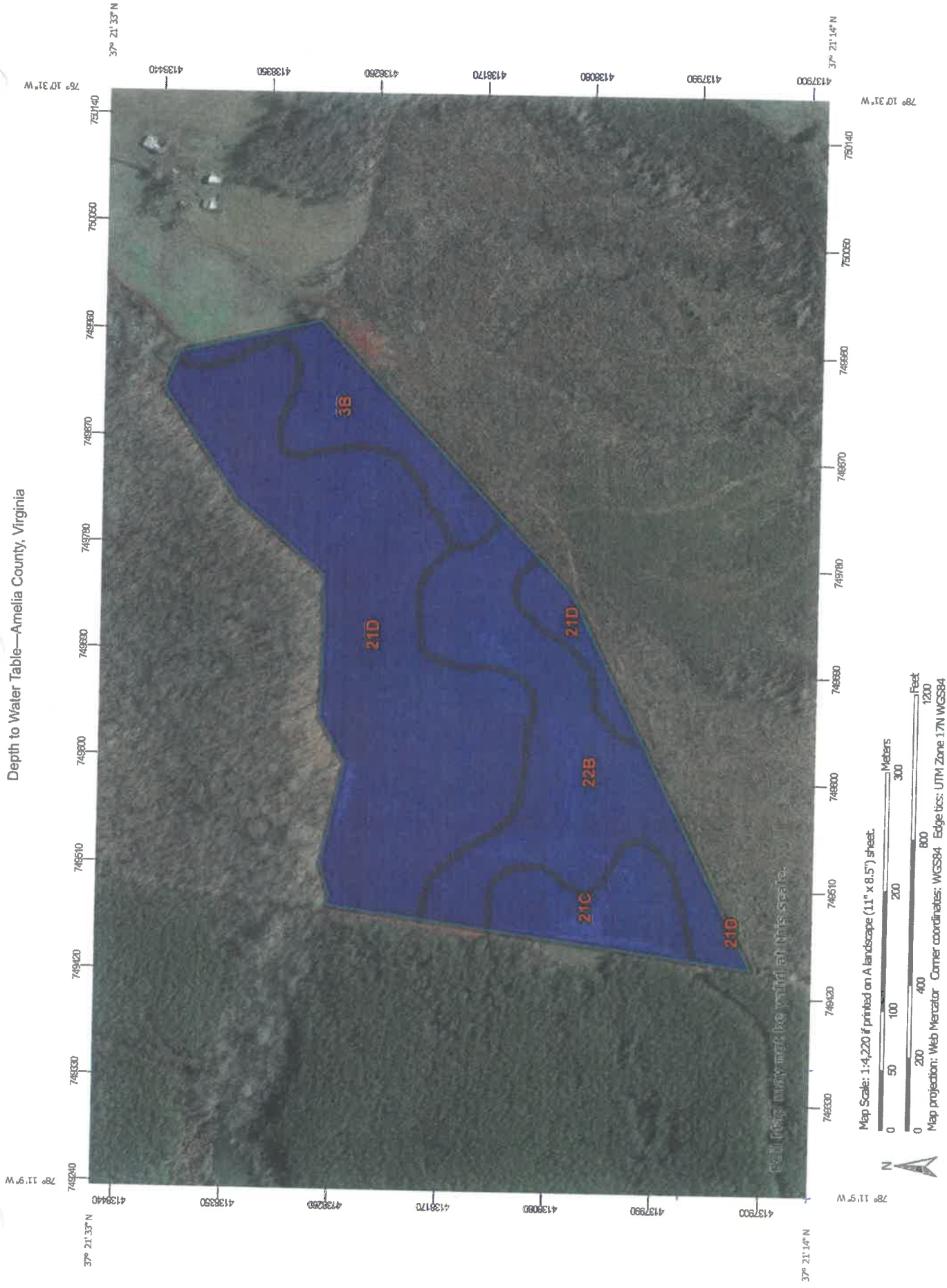
Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
3B	Cecil fine sandy loam, 2 to 7 percent slopes	3.2	10.8%
21C	Wedgee-Poindexter complex, 7 to 15 percent slopes	2.6	8.9%
21D	Wedgee-Poindexter complex, 15 to 25 percent slopes	15.3	51.8%
22B	Winnboro sandy loam, 2 to 7 percent slopes	8.5	28.6%
<b>Totals for Area of Interest</b>		<b>29.6</b>	<b>100.0%</b>

# Depth to Water Table—Amelia County, Virginia



## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils







#### Soil Rating Polygons

-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available

#### Soil Rating Lines

-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available

#### Soil Rating Points






-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200

 Not rated or not available

### Water Features

 Streams and Canals

### Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia  
Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
3B	Cecil fine sandy loam, 2 to 7 percent slopes	>200	3.2	10.8%
21C	Wedowee-Pointexter complex, 7 to 15 percent slopes	>200	2.6	8.9%
21D	Wedowee-Pointexter complex, 15 to 25 percent slopes	>200	15.3	51.8%
22B	Windsboro sandy loam, 2 to 7 percent slopes	>200	8.5	28.6%
Totals for Area of Interest			29.6	100.0%

### Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

### Rating Options

*Units of Measure:* centimeters

*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

*Beginning Month:* January

*Ending Month:* December

**Pembelton  
Tract T-2646  
Field Data Sheet**

*Corrected  
Field types  
7-29-2020*

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
2646-1	115.0	37.3519	-78.1733	Silvicultural
2646-2	12.0			:
2646-3	1.5			:
2646-4	19.5			:
2646-5	9.0			:
<b>SUM</b>	<b>157.0</b>			

> Planted Pine 2019

\*All Latitude/Longitude Points were obtained through Google Earth

Note: Fields 2, 3, 4, & 5 are now  
Planted in Pine.

7/13/20

**Pembelton  
Tract T-2649  
Field Data Sheet**

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
2649-1	29.0	37.3568	-78.1809	Silvicultural
<b>SUM</b>	<b>29.0</b>			

\*All Latitude/Longitude Points were obtained through Google Earth



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Property Identification	Run Dt:	7/27/2017	Owner Name/Address
Map #: 37 30			MORRIS JOYCE P ETALS
Acct #: 000003853-001			VIRGINIA OUTDOORS FOUNDATION
Address: 006321 S GENITO RD			P O BOX 665
City/St: JETERSVILLE, VA 23083			AMELIA COURT HOUSE VA 23002

Legal Description001 of 02

Occupancy: DWELLING  
Dwl Type: RANCH MH/Type: /  
Use/Class: /AGRICULTURAL- 20-100 AC  
Year Assd: 2012  
Zoning:  
Dist: 03 LEIGH

Year Built: 1955  
Year Rmld:  
Year Effit: 1970  
Condition: AVERAGE  
On Site Date: (AP) 4/06/2011  
Review Date: ( )

Inst#:	2015 0001527
Acreage:	81.500
Land Use:	
Total Mineral:	
Total Land:	53200
Total Imp:	41900
Total Value:	95100

----- Improvement Description -----

Exterior	Interior	Site
EXTR-ALUM/VINYL	NO. ROOMS - 5	STREET-PAVED
FNDT-CONC BLOCK	NO. BEDROOMS - 3	
RFMT-COMP SHGLS	NO. BATHS - 1	
ROOF-GABLE	FLOO-CARPET	
	FLOO-VINYL	
	WALL-DRY WALL	

Figure 10.10 is a Gantt chart illustrating a project schedule. The vertical axis represents time, with labels 8, EP, 24, and DWL. The horizontal axis represents time, with labels 14, 44, 16, 6, and 28. The chart shows a single task bar starting at time 0 and ending at time 44. The task is labeled 'EP' and has a duration of 44. The chart also shows a dashed line at time 14 and a solid line at time 44. The task bar is labeled '24' at its end. The chart is titled 'Figure 10.10'.

|----- Dwelling Valuation -----|

Item	Size	Rate	Value
SINGLE FAM	1056	73.97	78112 :
CENT-HEAT	1056	1.50	1584 :
BATH-FULL	1	3000.00	3000 24 :
WELL /SEPTI			:
PRCH-ENCL	112	21.00	2352 :
PRCH-OP MA	24	18.00	432 :
Grade Factor ( D-10)			.75 :
Replacement Cost New			64125 :
Phys Depr. % ( .420 )	1970	- AVE	26933 :DY
Total Bldg. Value			37200 +

----- Other Improvements Valuation -----

Desc	Length	Width	Size	Grade	Rate	FV/Pct Value
TOBACCO B	16.0	18.0	288			
MM HOOK-U	1.0	1.0	1	C	4080.00	4080
SHED						30
OLD DWELL					32.00	
SHED					10.00	
WOOD DECK	1.0	2.0	2			4080
Total Imp Value						4380

Sec	Type	Str	Description	Area
DWL	SINGLE FAM	1.00	N24E44S24W28W16	1056
EP	PRCH-ENCL	1.00	N8E14S8W14	112
OMP	PRCH-OP MA	1.00	S4W6N4E6	24

400	Cur. Value	Prev. Value	%Chg.
4700 Land	53200	115000	( 54%)
Improvements	41900	46000	( 9%)
-----Total	95100	161000	( 41%)
Value Average Price Per Acre		1552	
14500 Sale Date/Amount	10/29/2015		


----- Land Valuation -----

M	Cls	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A	1	BUILDING	S Q	1.000		14500.00		14500.00

Average Price Per Acre  
Sale Date/Amount 10/29/2015



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[illegible]

Every Reasonable Effort has been made to assure the Accuracy of these maps and associated data. Amelia County, Virginia and Pearson Appraisal Assume no liability arising from use of these Values or Data contained on this website. The values and property data is provided without warranty

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Property Identification Run Dt: 7/27/2017 Owner Name/Address  
 Map #: 37 29A PEMBELTON RONALD L ETALS  
 Acct #: 000002637-001 VIRGINIA OUTDOORS FOUNDATION  
 Address: P O BOX 559  
 City/St: AMELIA COURT HOUSE VA 23002

Legal Description 001 of 01

12.000 AC

Occupancy: VACANT Year Built:  
 Dwl Type: MH/Type: / Year Rmld:  
 Use/Class: /SNGL FAM RES - SUBURBAN Year Eff: 1999  
 Year Bssd: 2012 Condition:  
 Zoning: On Site Date: (AP) 4/06/2011  
 Dist: 03 LEIGH Review Date: ( )

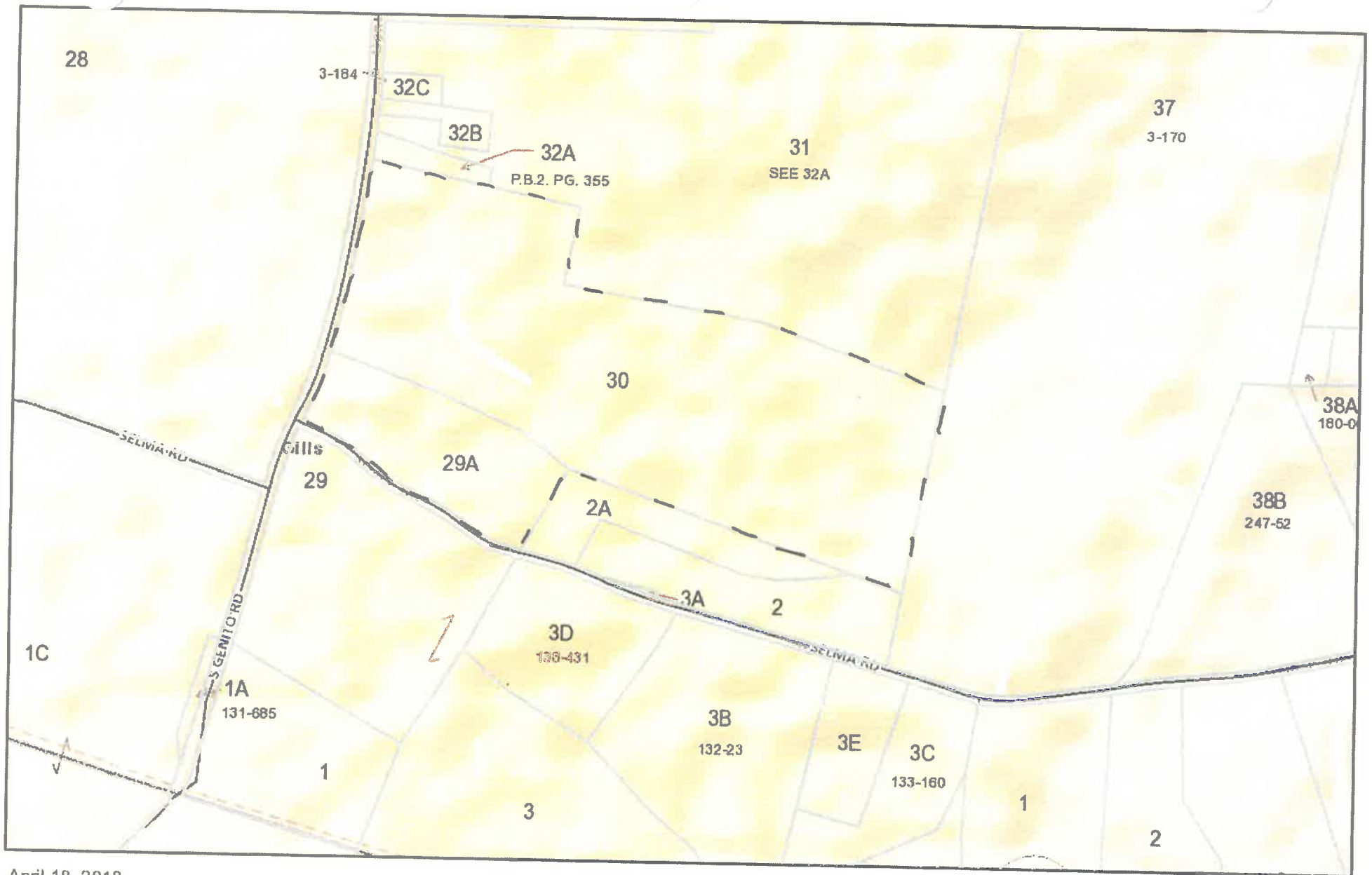
Inst#: 2015 0001527  
 Acreage: 12.000  
 Land Use:  
 Total Mineral:  
 Total Land: 20200  
 Total Imp:  
 Total Value: 20200

Land Valuation							
M CIs	Desc	G	Size	Dpth	Rate	FV/Pct	Value
A	21 WOODLAND	F	11.000		520.00		5720
A	1 BUILDING S Q		1.000		14500.00		14500
Total Land Value			12.000				20200
Total Property Value							20200

Sec	Type	Str	Description	Area
			Cur. Value	Prev. Value
			20200	42000
				( 52%)
			Improvements	
			Total	20200
				42000
				( 52%)
			Average Price Per Acre	1685
			Sale Date/Amount	10/29/2015

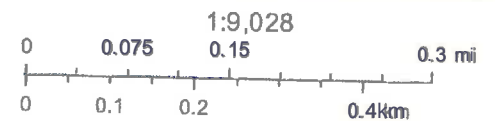
[Print this Property Card](#)[Return to Search Results](#)**Disclaimer**

Every Reasonable Effort has been made to assure the Accuracy of these maps and associated data. Amelia County, Virginia and Pearson Appraisal Assume no liability arising from use of these Values or Data contained on this website. The values and property data is provided without warranty



April 18, 2018

Tax Map



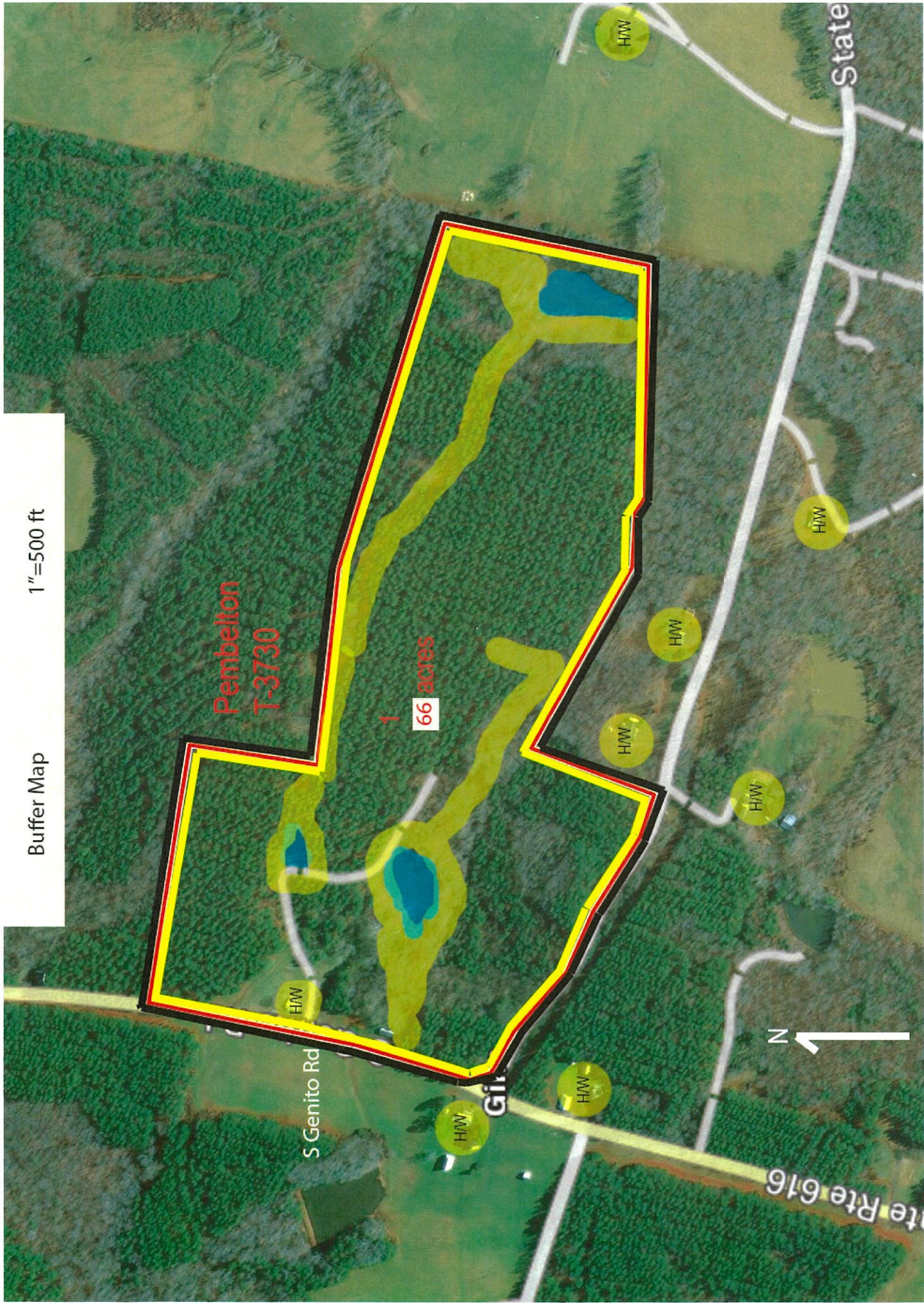
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),



7/6/20

Road Map

→ 28-20-20 3730



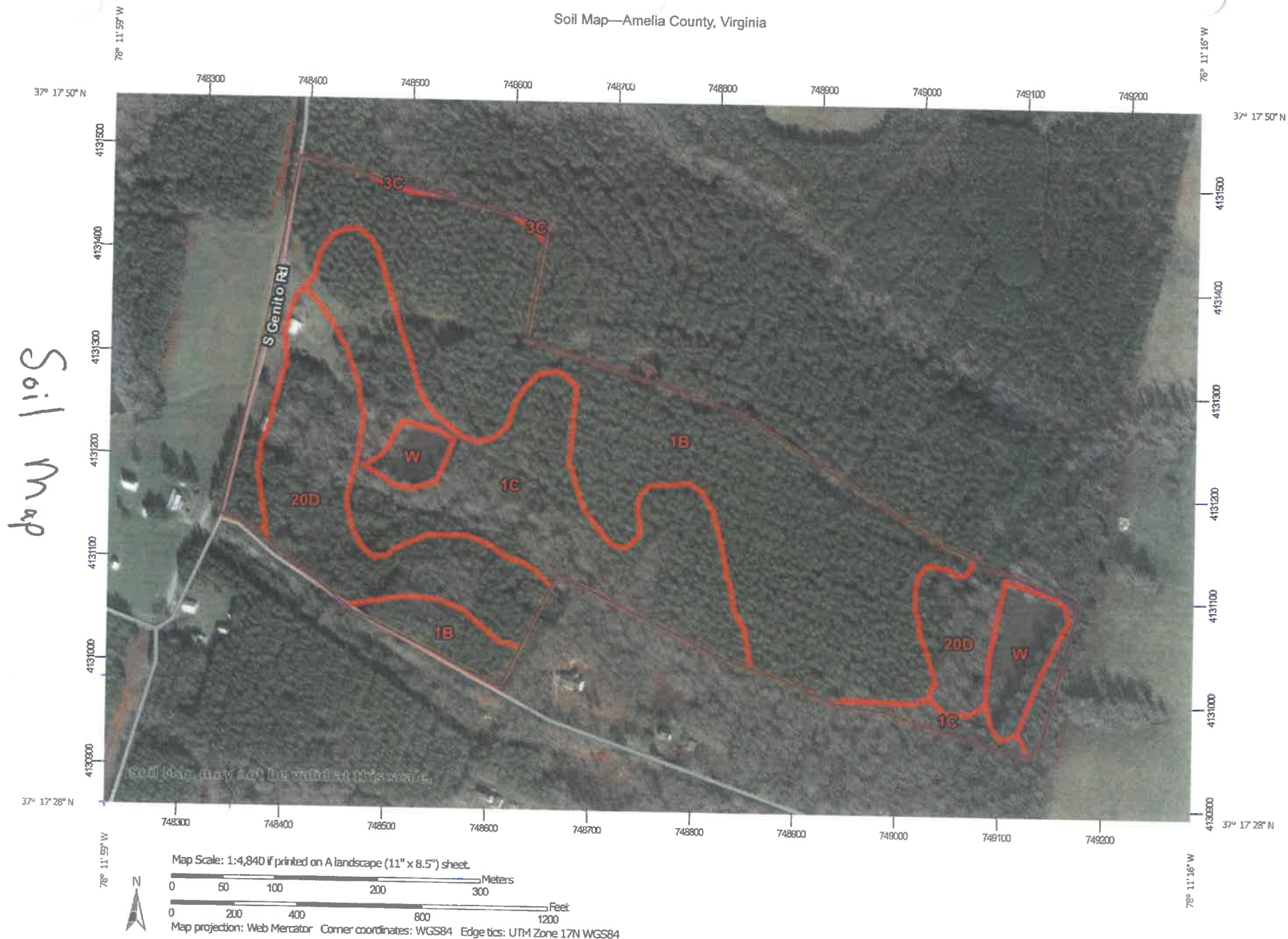
**Pembelton**  
**Tract T-3730**  
**Field Data Sheet**

Field	Total Acres	Tract Coordinates		Land Type
		Latitude	Longitude	
3730-1	66.0	37.2943	-78.1944	Silvicultural
<b>SUM</b>	<b>66.0</b>			

Latitude/Longitude points were obtained through Google Earth.



# Soil Map—Amelia County, Virginia



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

### Water Features

 Streams and Canals

### Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia

Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

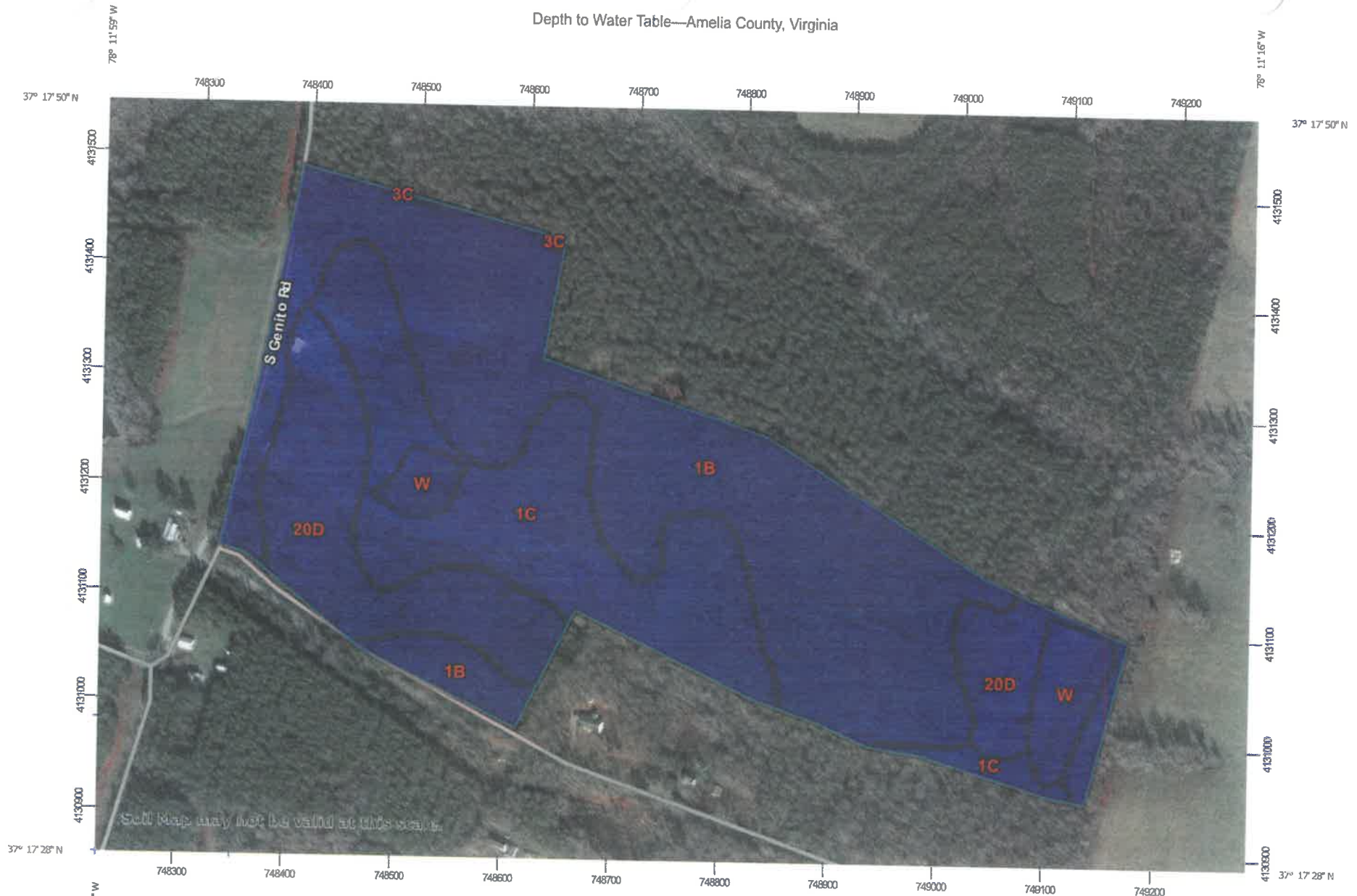
Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres In AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	27.2	49.3%
1C	Appling fine sandy loam, 7 to 15 percent slopes	14.1	25.6%
3C	Cecil fine sandy loam, 7 to 15 percent slopes	0.1	0.2%
20D	Wedowee sandy loam, 15 to 25 percent slopes	11.1	20.1%
W	Water	2.7	4.8%
<b>Totals for Area of Interest</b>		<b>55.2</b>	<b>100.0%</b>

# Depth to Water Table—Amelia County, Virginia



Soil Map may not be valid at this scale.

Map Scale: 1:4840 if printed on A landscape (11\" x 8.5\") sheet.

0 50 100 200 300 Meters

0 200 400 600 800 1200 Feet

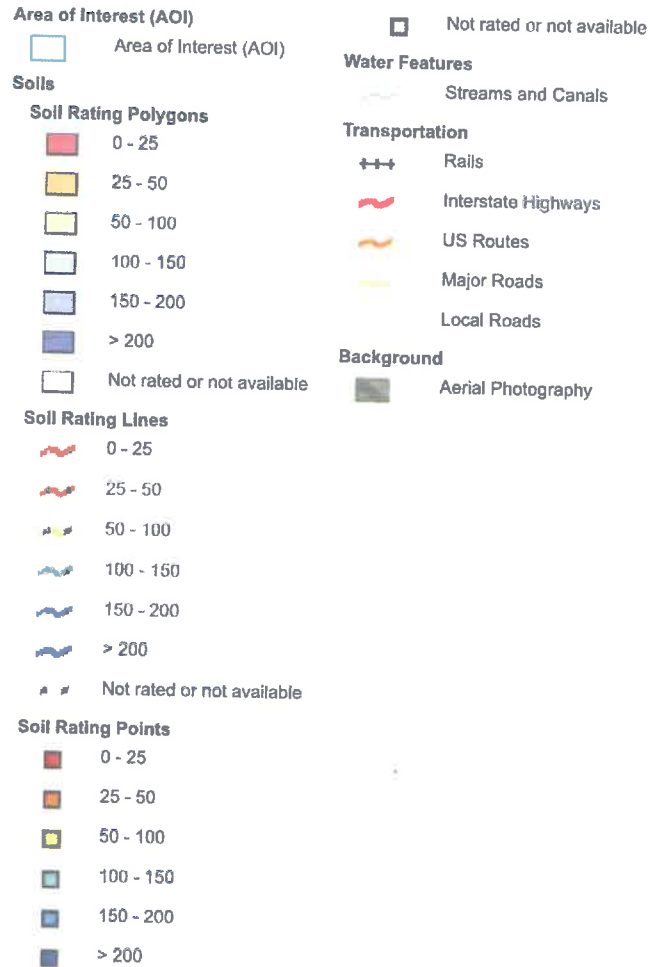
Map projection: Web Mercator Corner coordinates: WGS84 Edge cuts: ytm Zone 17N WGS84



**Natural Resources  
Conservation Service**

Web Soil Survey  
National Cooperative Soil Survey

## MAP LEGEND



## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Amelia County, Virginia

Survey Area Data: Version 14, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 22, 2015—Mar 5, 2017

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## Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	>200	27.2	49.3%
1C	Appling fine sandy loam, 7 to 15 percent slopes	>200	14.1	25.6%
3C	Cecil fine sandy loam, 7 to 15 percent slopes	>200	0.1	0.2%
20D	Wetmore sandy loam, 15 to 25 percent slopes	>200	11.1	20.1%
W	Water	>200	2.7	4.8%
<b>Totals for Area of Interest</b>			<b>55.2</b>	<b>100.0%</b>

## Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

## Rating Options

*Units of Measure:* centimeters

*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

*Beginning Month:* January

*Ending Month:* December



**Print this Property Card**

# Hamlet



[Return to Search Results](#)

```

Property Identification Run Dt: 7/27/2017 Owner Name/Address
Map #: 37 34B PEMBELTON INVESTMENTS LC
Acct #: 000011832-001 VIRGINIA OUTDOORS FOUNDATION
Address: 402 DAVIS MILL RD
City/St: BLACKSTONE VA 23824

Occupancy: VACANT
Dwl Type: MH/Type: /
Use/Class: /AGR.- 100 AC OR MORE
Year Asstd:
Zoning:
Dist: 03 LEIGH
Year Built:
Year Rmld:
Year Effrt: 2000
Condition:
On Site Date: (JDM) 4/06/2011
Review Date: ( )

```

Legal Description001 of 01  
FR 37-34

**65.570 AC**

Inst#:	2015	0001528
Acreage:		65.570
Land Use:		
Total Mineral:		
Total Land:		33100
Total Imp:		
Total Value:		33100

M CIs		Desc	G	Size	Dpth	Rate	FV/Pct	Value
A	12	OPEN LAND	A	2.000		520.00		1040
A	20	WOODLAND	Y	60.570		520.00		31496
A	42	WASTELAND-	A	3.000		200.00		600
Total Land Value				65.570				33100
Total Property Value								33100

Sec	Type	Str	Description	Area
		Cur. Value	Prev. Value	%Chg.
Land		33100		
Improvements				
Total		33100		
Average Price Per Acre			505	
Sale Date/Amount		10/29/2015		

And 37-35



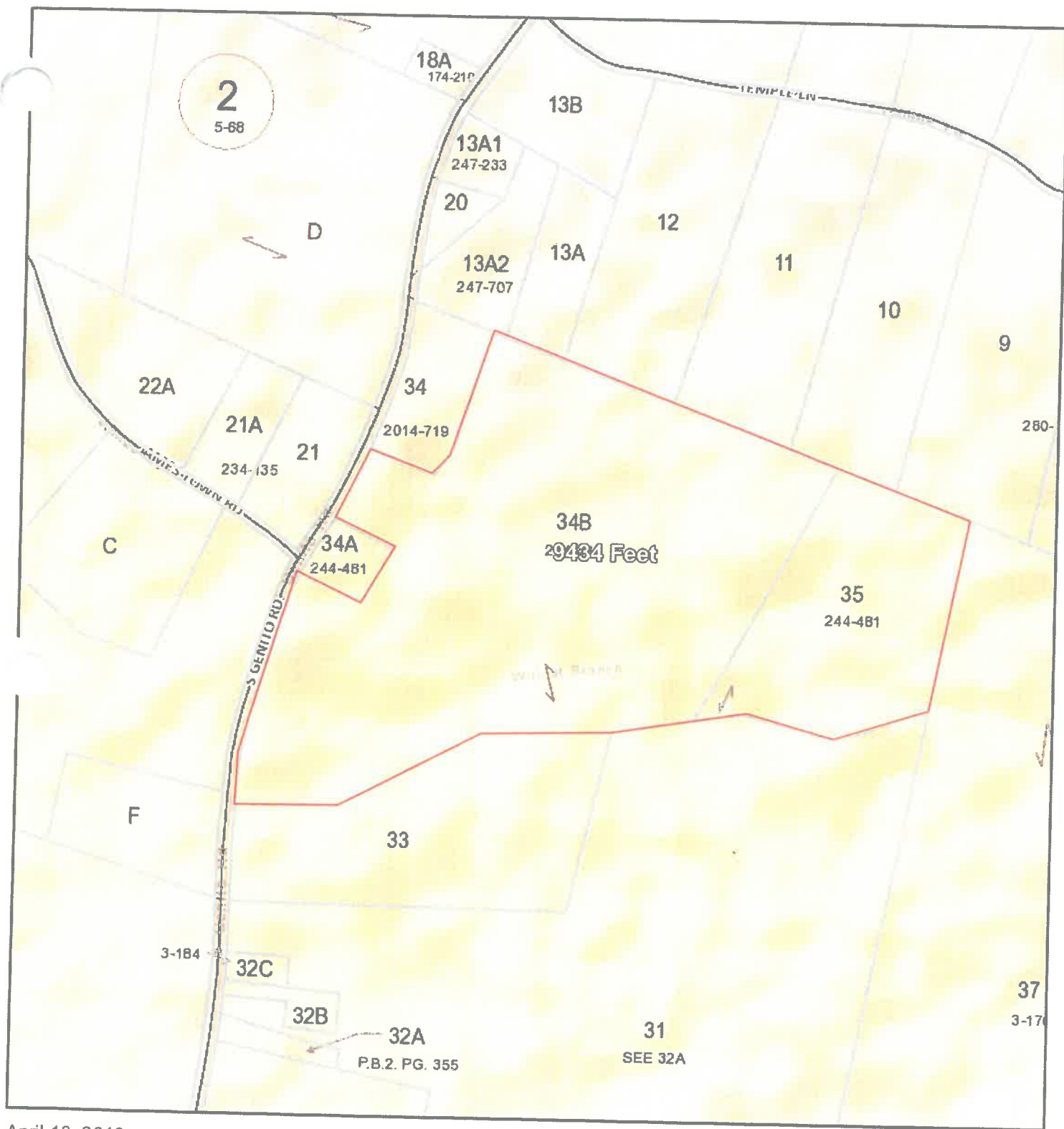
**Print this Property Card**



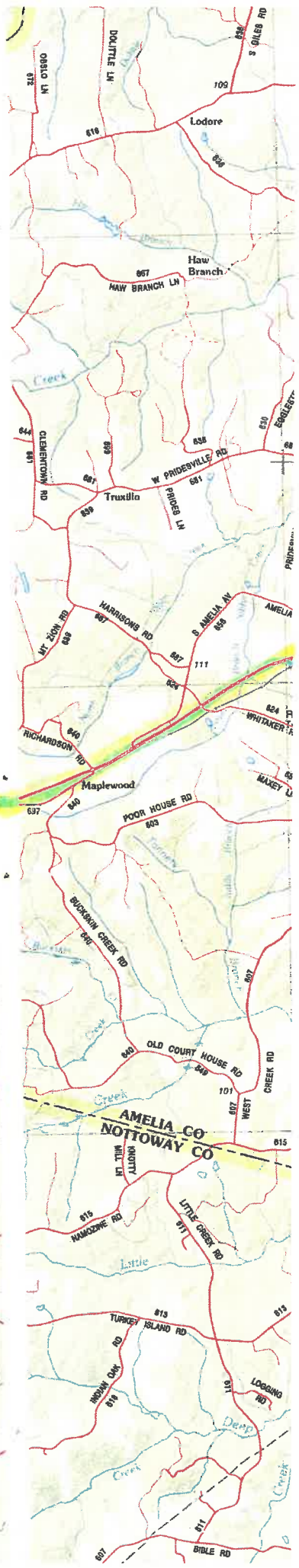
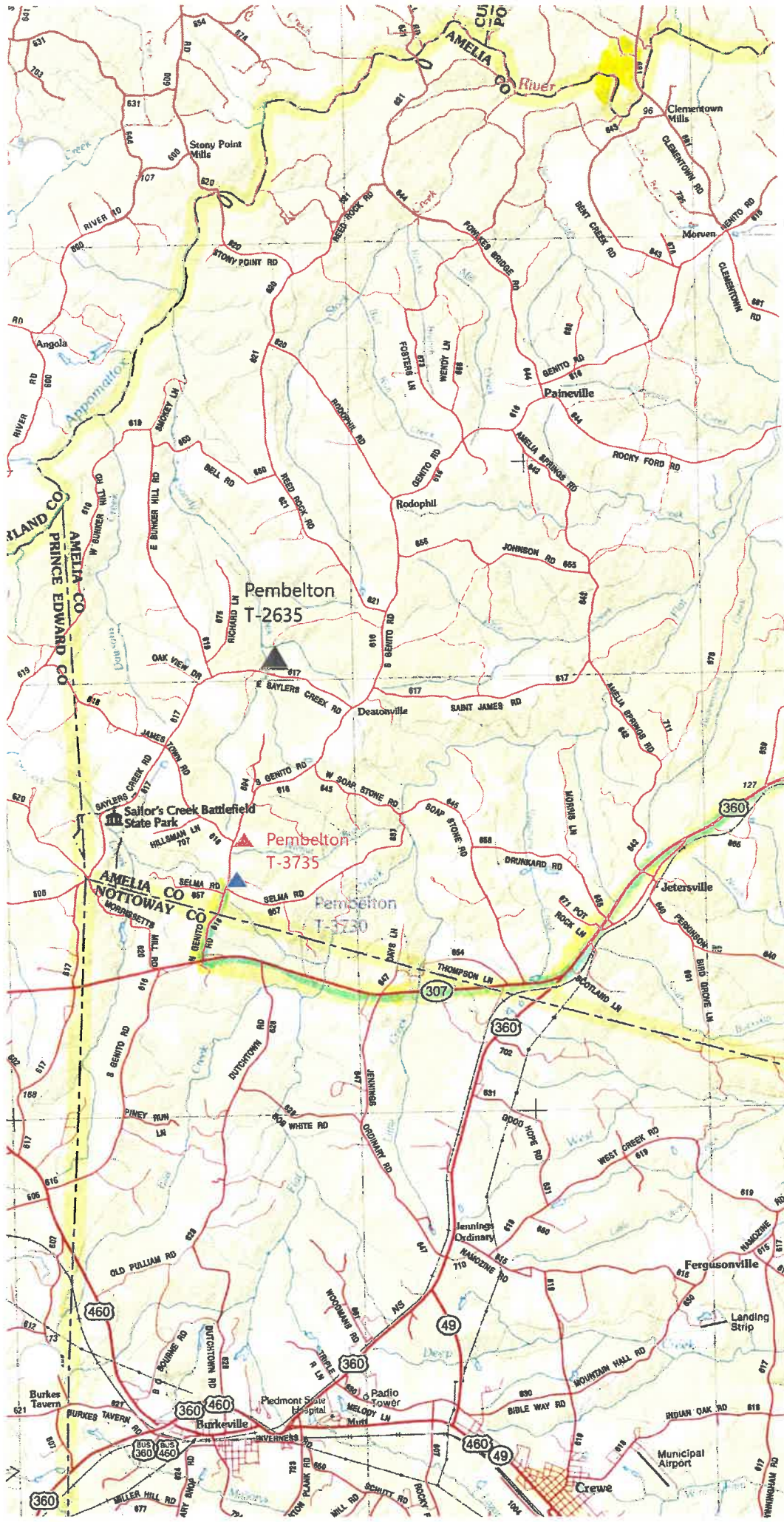
[Return to Search Results](#)

1. *Phragmites australis* (Cav.) Trin. ex Steud.

Every Reasonable Effort has been made to assure the Accuracy of these maps and associated data. Amelia County, Virginia and Pearson Appraisal Assume no liability arising from use of these Values or Data contained on this website. The values and property data is provided without warranty.



Tax Map

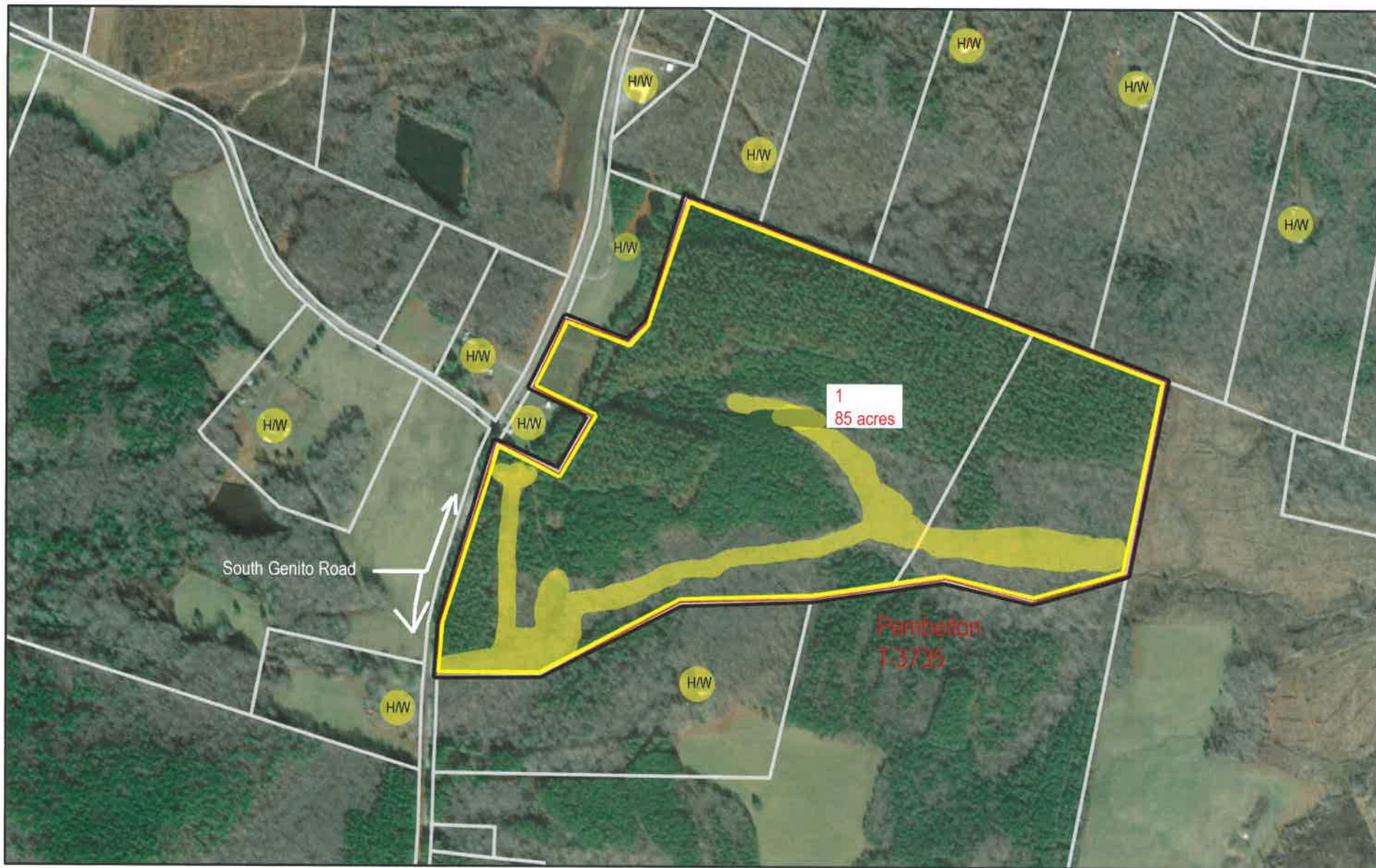


7/6/20

Road Map

3735

→ 2 8-20-20

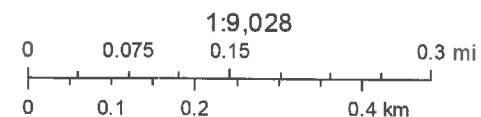


April 18, 2018



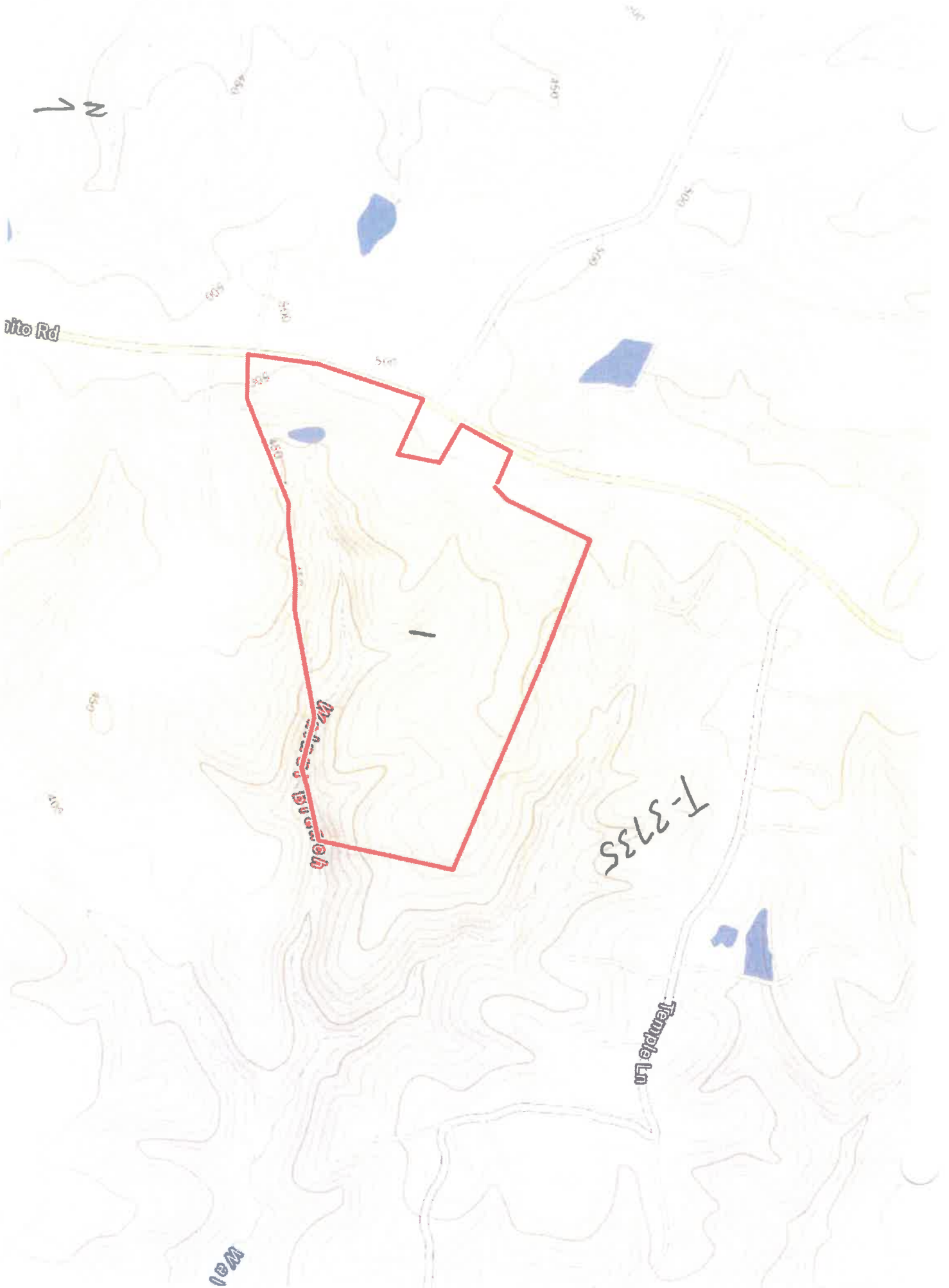
Buffer Map  
Modified 8/17/20

T3735



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Topo Map



12

Hito Rd

W. A. B. B. B. B.

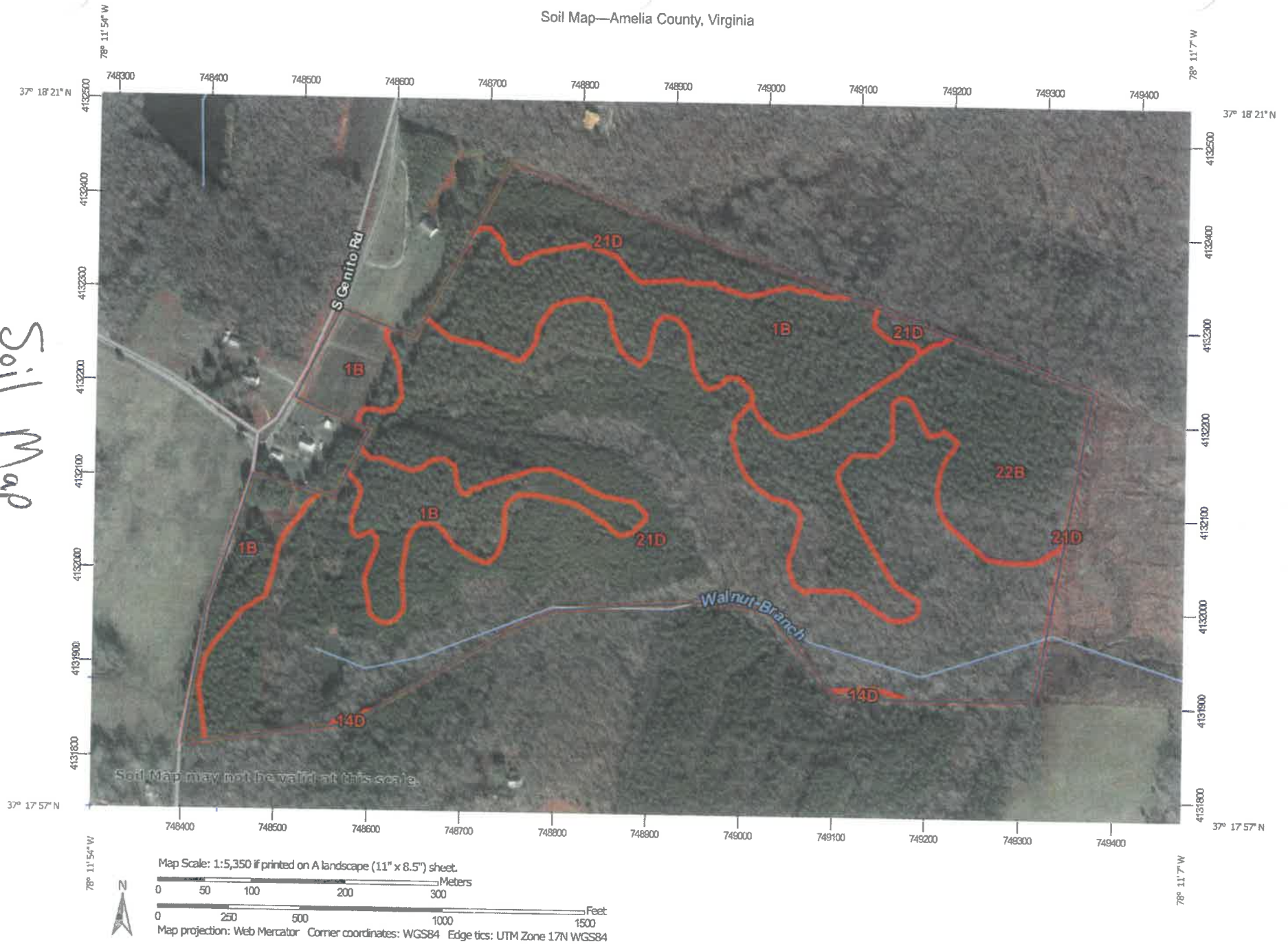
T-3735

Temple Ln

W. A. B. B. B. B.

# Soil Map—Amelia County, Virginia

Soil Map




























Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

4/18/2018  
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## MAP LEGEND

<b>Area of Interest (AOI)</b>			Spoil Area
			Stony Spot
<b>Soils</b>			Very Stony Spot
			Wet Spot
			Other
			Special Line Features
<b>Special Point Features</b>		<b>Water Features:</b>	
			Streams and Canals
			<b>Transportation</b>
			Rails
			Interstate Highways
			US Routes
			Major Roads
			Local Roads
			<b>Background</b>
			Aerial Photography
			
			
			
			
			
			
			
			
			
			

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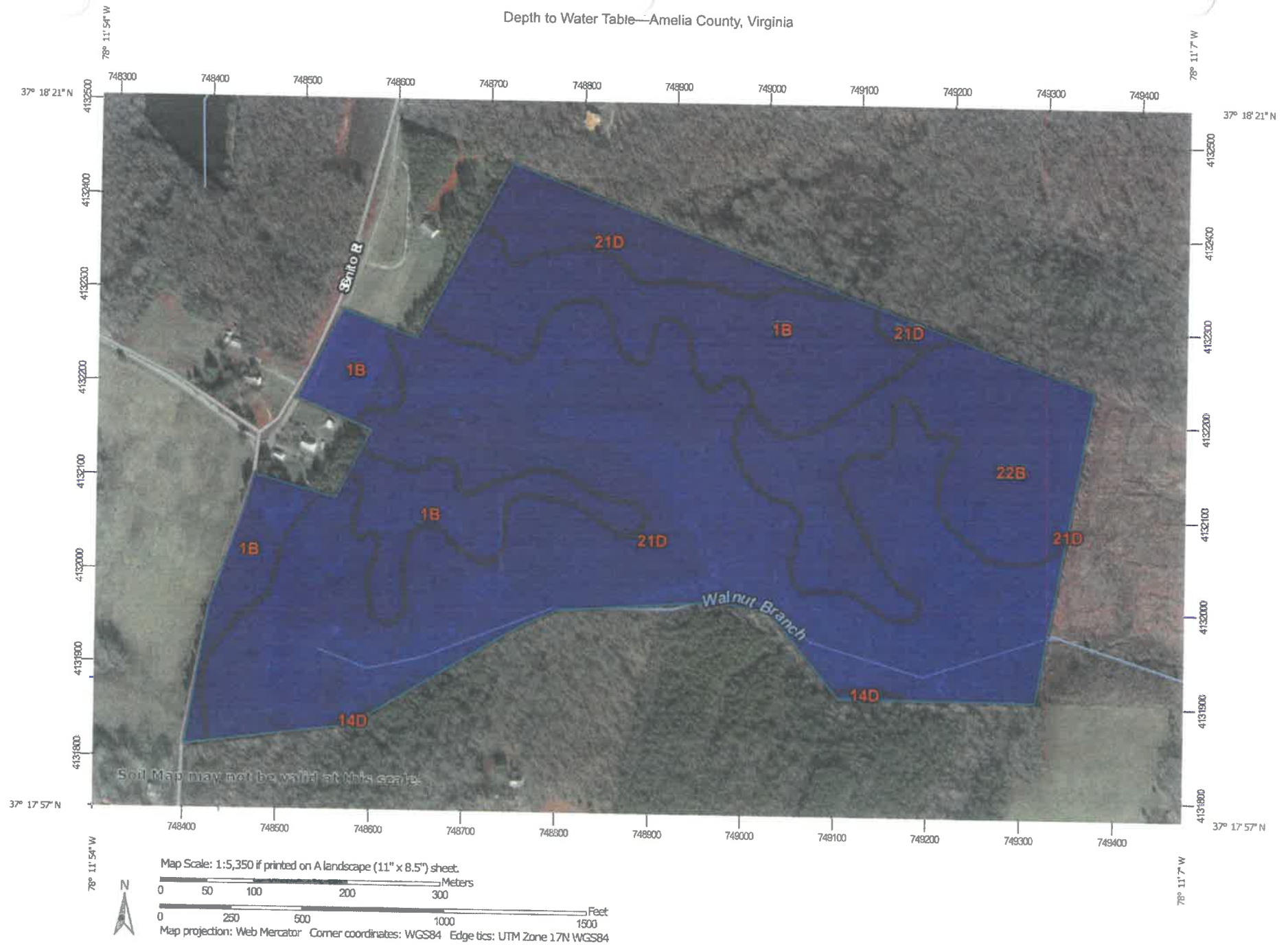
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## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres In AOI	Percent of AOI
1B	Appling fine sandy loam, 2 to 7 percent slopes	21.4	24.1%
14D	Pacolet fine sandy loam, 15 to 25 percent slopes	0.2	0.2%
21D	Wedowee-Poindexter complex, 15 to 25 percent slopes	53.5	60.4%
22B	Winnsboro sandy loam, 2 to 7 percent slopes	13.5	15.3%
Totals for Area of Interest		88.6	100.0%

# Depth to Water Table—Amelia County, Virginia

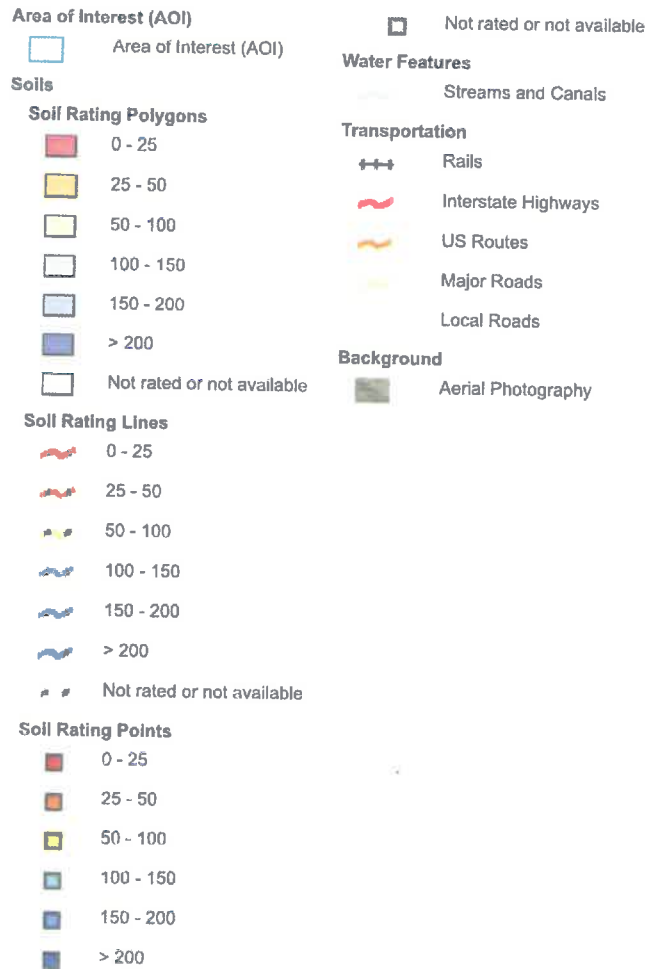


Natural Resources  
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**Pembelton  
Tract T-3735  
Field Data Sheet**

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
3735-1	85.0	37.3023	-78.1927	Silvicultural
<b>SUM</b>	<b>85.0</b>			

\*All Latitude/Longitude Points were obtained through Google Earth